

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

Item F.1. **Nicholls State University's** request for approval to award an Honorary Doctor of Science to Dr. John F. Heaton at the 2022 Spring Commencement Exercises.

EXECUTIVE SUMMARY

Nicholls State University (Nicholls) requests approval to award an Honorary Doctor of Science to Dr. John F. Heaton. Dr. Heaton earned a Bachelor of Science (B.S.) in Biology from Nicholls and a Doctor of Medicine (M.D.) from Louisiana State University School of Medicine - New Orleans with residency in Anesthesiology and additional specialized training in Pediatric Anesthesiology. Post-graduate medical education included a Clinical Research Fellowship in Extracorporeal Membrane Oxygenation - Department of Pediatrics at Ochsner Foundation Hospital. He also completed a Master of Medical Management (MMM) from Carnegie-Melon University, Heinz College of Public Policy.

Dr. Heaton's experience and expertise in health and crisis management have been recognized nationally for developing patient safety protocols, and awarded him the position of Incident Commander for a large regional health system during natural disasters and the COVID-19 global pandemic. His extensive career has allowed for him to hold such important roles as a Major with the Medical Corps in the U.S. Army during Operation Desert Storm, Senior Vice President and Chief Medical Officer of New Orleans Children's Hospital, and President and Chief Medical Officer of LCMC Health in New Orleans, to name a few. His career reveals a path of lifelong learning and commitment to the health and wellbeing of the pediatric population and families, his communities served, the state of Louisiana, and importantly, a global front for global health.

Dr. Heaton also represents a key clinical affiliate, LCMC Children's Hospital, for the B.S. in Nursing Program offered by Nicholls. The opportunity for experiential learning at the level of pediatric nursing and healthcare at Children's is integral to the success of the program. He is a frequent lecturer, a sponsored researcher, a presenter, and an author within the profession of pediatric anesthesiology and healthcare finance. Within his profession, Dr. Heaton has become integral in the provision of healthcare and health outcomes within the state of Louisiana, always keeping Thibodaux as the epicenter of future medical possibilities. It is because of this dedication to the medical profession and his loyalty to Nicholls that the University would like to bestow an Honorary Doctor of Science to Dr. John F. Heaton.

RECOMMENDATION

It is recommended that the following resolution be adopted:

NOW, THEREFORE, BE IT RESOLVED, *that the Board of Supervisors for the University of Louisiana System hereby approves Nicholls State University's request for approval to award an Honorary Doctor of Science to Dr. John F. Heaton at the 2022 Spring Commencement Exercises.*



Nicholls State University

Office of the President

P.O. Box 2001 | Thibodaux, LA 70310 | 985.448.4003 | 985.448.4920 [F]

F.1.

January 27, 2022

Via Electronic Transmittal Only

Dr. Jim Henderson
University of Louisiana System President
1201 North Third Street, Suite 7-300
Baton Rouge, LA 70802

Dear Dr. Henderson:

Nicholls State University requests consideration and approval of the following to be placed on the agenda for the February 17, 2022 meeting of the Board of Supervisors for the University of Louisiana System:

*Honorary Doctor of Science (D.Sc.) to Dr. John F. Heaton
at the Spring 2022 Commencement Ceremony.*

Thank you for your assistance in this matter.

Sincerely,

Jay Clune
President

JC/apf

Enclosures

c: Dr. Sue Westbrook, Provost/Vice President for Academic Affairs
Mr. Terry Braud, Vice President for Finance & Administration
Mr. Jonathan Terrell, Athletic Director
Dr. Michele Caruso, Vice President for Student Affairs
Dr. Todd Keller, Vice Provost
Mr. Steven Kenney, Assistant Vice President for Human Resources, CDIO & Title IX Coordinator
Ms. Paulette Mayon, Internal Auditor
Ms. Claire Bourgeois, Faculty Senate President
Ms. Renee Hicks, Assistant Vice President of Institutional Effectiveness Access & Success
Ms. Monique Crochet, Executive Director of External Affairs



Nicholls State University

Provost/Vice President for Academic Affairs

P.O. Box 2002 | Thibodaux, LA 70310 | 985.448.4011 | 985.448.4026 [F]

TO: Dr. Jay Clune, President

FROM: Dr. Sue Westbrook,
Provost and Vice President for Academic Affairs

DATE: January 26, 2022

RE: Honorary Doctorate Recommendation

A meeting of the Honorary Degree Committee was held on January 25, 2022. The Committee voted to recommend Dr. John F. Heaton for an Honorary Doctor of Science (D.Sc.) at the Spring 2022 Commencement.

A copy of the Committee's action is attached along with the policy for awarding Honorary Degree.



Director of University Graduate Studies
P.O. Box 2071 | Thibodaux, LA 70310 | 985.448.4336

MEMORANDUM

FROM: Dr, Anthony Kunkel, Chair, Honorary Degree Committee

DATE: January 25, 2022

SUBJECT: Honorary Degree Committee Spring 2022 Nomination

The Honorary Degree Committee met on January 24, 2022 and recommends Dr. John F. Heaton to receive an Honorary Doctorate of Science from Nicholls State University at the May, 2022, graduation ceremony.

Comments from Committee:

The selection committee endorses the naming of Dr. John F. Heaton as this semester's recipient of an honorary doctorate. Dr. Heaton began his esteemed career in medicine as a Biology student at Nicholls state, graduating with a B.S. degree in 1981. With Nicholls State University as his foundation, Dr. Heaton has dedicated his life to advocating for community health and patient safety.

Dr. Heaton's experience and expertise in health and crisis management has been recognized nationally for developing patient safety protocols, and has awarded him the position of Incident Commander for a large regional health system during natural disasters and the Covid 19 global pandemic. Dr. Heaton's honors are numerous and include such distinctions as President and Chief Medical Officer of LCMC Health in New Orleans, Senior VP and Chief Medical Officer of New Orleans Children's Hospital, and a Major with the Medical Corps in the US Army during Operation Desert Storm, to name a few.

Dr. Heaton also represents a key clinical affiliate with the LCMC Children's Hospital for the Bachelor of Science in the Nursing Program at Nicholls State University, providing invaluable opportunities to experience pediatric nursing and child healthcare to our Nursing students. He is a frequent invited lecturer, a sponsored researcher, a presenter, and an author within the profession of pediatric anesthesiology and healthcare finance. Within his profession, Dr. Heaton has become integral in the provision of healthcare and health outcomes within the state of Louisiana, always keeping Thibodaux as the epicenter of future medical possibilities. In short, Dr. Heaton's dedication to the medical profession and his loyalty to Nicholls State University has made a difference to our University and to countless lives within Louisiana.



College of Nursing

P.O. Box 2057 | Thibodaux, LA 70310 | 985.448.4686 | 985.448.4923 [F]

September 28, 2021

RE: Nomination for Honorary Doctorate – John F. Heaton, MD

Dear Honorary Doctorate Committee,

It is my privilege and honor to offer this letter of recommendation for Dr. John F. Heaton as a candidate for the award of the *Nicholls State University Honorary Doctorate*. It is clear that Dr. Heaton has and continues to contribute and advocate for community health and patient safety on many levels. As the current President and Chief Medical Officer of LCMC Health, New Orleans, Dr. Heaton's professional educational journey began here at Nicholls State University in Thibodaux, Louisiana as he earned his B.S., Biology in 1981. For so many, this University has provided the opportunity and foundation for incredible, giving careers. For this, we are proud and forever grateful. This gateway accomplishment led to medical school where Dr. Heaton completed his M.D. at Louisiana State University School of Medicine in 1985 and with residency in Anesthesiology with additional specialized training in Pediatric Anesthesiology. He is Board Certified by the American Board of Anesthesiology. Post-graduate medical education included Clinical Research Fellow in Extracorporeal Membrane Oxygenation-Department of Pediatrics at Ochsner Foundation Hospital. Dr. Heaton also completed a Master of Medical Management (MMM) in 2017 from Carnegie-Mellon University, Heinz College School of Public Policy and Management, and more.

Dr. Heaton's noteworthy CV reveals a path of life-long learning and commitment to the health and wellbeing of the pediatric population and families, his communities served, the state of Louisiana, his country served, and importantly, a global front for global health. Dr. Heaton has served in many roles to include leadership, practice, clinician, academician, researcher, mentor, and more. His healthcare leadership, medical, and university positions are numerous, just to name a few:

- President and Chief Medical Officer-LCMC Health
- Clinical Associate Professor of Anesthesiology and Pediatrics- LSU Health Sciences Center
- Clinical Associate Professor of Anesthesiology – Tulane University School of Medicine
- Former President for Clinical and System Operations – LCMC Health; Children's Hospital – Senior VP & Chief Medical Officer-Chief of Anesthesiology, Associate Medical Director for Patient Safety and Quality
- LSU School of Medicine – Director of Resident Education
- Board of Trustees for Children's Hospital and LCMC
- LA Committee of 100 for Economic Development
- Professional Society Memberships
- LA Hospital Association – Physician Leadership Academy Steering Committee
- Flight Care Physician
- "Best Doctors" – National Research Corp 2000-2020
- National Eagle Scout Association, Life Member

His work also includes invited lectures, sponsored research, presentations, peer-reviewed publications as it relates to his specialty in pediatric anesthesiology, and healthcare finance. Dr. Heaton's experience entails comprehensive health system governance and executive operations experience throughout the inception and development of a six-hospital health \$2.5 billion annual net patient service revenue health system.

Dr. Heaton also represents a key clinical affiliate, LCMC Children's Hospital for the Bachelor of Science in Nursing Program at Nicholls State University. The opportunity for experiential learning at the level of pediatric nursing and healthcare at Children's is integral to the success of the program. Understanding the role education plays, not only for each student, but also for the organization itself, is paramount. Nicholls has always been met with an *open door* as a means for clinical experiential learning. This allows us to meet the mission of the University by offering comprehensive learning experiences in preparing students for regional and global professions immersed in Bayou Region culture. To this, our well-educated graduates continually meet workforce needs.

Dr. Heaton invests in all who work in the organization, meaning, he challenges each to learn more, think better, and to understand every aspect of the organization—as each member helps LCMC to fulfill its mission. He is inspirational. There was a great news story on WDSU Channel 6, New Orleans, in June of 2020 about Dr. Heaton and his daughter Annie as both worked on the front lines to fight COVID-19. He inspired her to “step out of her comfort zone” as a neonatal intensive care nurse to work in the ICU caring for the sickest of the sick suffering from COVID. For her, it was life changing. For him, he was so proud. Her quote, “He is one heck of a man.” She said he works and then he comes home and works and works. He is a passionate advocate for community health and safety. He is an experienced physician leader and respected clinician. We, at Nicholls, concur.

It is without reservation that I submit Dr. John F. Heaton's nomination for the award of Honorary Degree/Honorary Doctorate.

Sincerely,



Rebecca Lyons
Associate Dean
College of Nursing
Nicholls State University

NICHOLLS STATE UNIVERSITY

OFFICE OF THE PRESIDENT

Nomination for the award of an Honorary Degree

The Honorary Doctorate is the highest form of recognition offered by Nicholls State University and is awarded for demonstrated excellence in the fields of public affairs, the sciences, arts, humanities, business, and philanthropy. Recipients of Honorary Doctorates must be distinguished, with achievements both relevant and appropriate to the University. Eligibility for nomination is restricted to persons of state, national or international stature. Nominees who have made extraordinary contributions to the University will be welcomed, but must also have made significant contributions beyond the University and its local region. Notwithstanding this policy, the Honorary Doctor of Letters may be awarded as recognition for exemplary and distinguished community service, including service to Nicholls State University. Nominees shall not be current members of the Board of Supervisors for the University of Louisiana System, employees of the University, or individuals who have direct political, legal or budgetary authority over the University. (For the full policy, see Policy 5.7.12. Honorary Degrees.)

1. Name of nominee: John F. Heaton, MD, MMM
2. Professional title: President, and Chief Medical Officer, LCMC Health, New Orleans, LA
3. Name of nominator: Rebecca Lyons, Associate Dean, College of Nursing
4. The relevant college should be consulted about the title of the degree. This candidate is nominated for the degree, Honorary Doctor of Science
5. Please provide the information requested below. Attach additional sheets if required:
6. Describe the nominee's achievements:

Experienced physician leader and respected clinician. Passionate advocate for community health and patient safety. Experience and expertise in crisis management, including as Incident Commander for a large regional health system during major natural disasters and the Covid 19 global pandemic. Experience developing patient safety and clinical departments from rudimentary to nationally recognized. Comprehensive knowledge of hospital operations and development of high performing clinical programs. Devoted clinical educator and mentor. Comprehensive health system governance and executive operations experience throughout the inception and development of a six hospital health \$2.5 billion annual net patient service revenue health system. Well-developed relationships with regional academic and community physicians, with a national network in the physician leadership community.

7. Explain the humanitarian value or contribution to society of the nominee.
As stated above
8. Explain the relevance of the nominee's work to Nicholls State University.

The opportunity and the foundation for a life-long career in medicine began at Nicholls State University. Dr. Heaton completed his B.S., Biology in 1981 at Nicholls. Dr. Heaton's extensive work in practice, research, teaching, and humanitarian work gives touting rights to this/his

University. The key word is opportunity. Importantly, Dr. Heaton remains integral in the provision of healthcare and great health outcomes to the great state of Louisiana, and beyond. Nicholls and Thibodaux remains the epicenter of possibility for so many. It is a global reach.

9. Summarize of the honors and distinctions received by the nominee previously, including honorary degrees.

- President, and Chief Medical Officer, LCMC Health, New Orleans, LA
- Clinical Associate Professor of Anesthesiology and Pediatrics – LSU Health Sciences Center
- Clinical Associate Professor of Anesthesiology – Tulane University School of Medicine
- Previous positions held: LCMC Health – President, Clinical and System Operations, Chief Medical Officer, Senior Medical Director, LCMC Hospitals Anesthesiology Group
- Children's Hospital New Orleans – Senior VP, Chief Medical Officer, Associate Medical Director- Patient Safety and Quality, Chief of Anesthesiology
- Clinical Research Fellow in Extracorporeal Membrane Oxygenation
- Carnegie-Mellon University, Heinz College School of Public Policy and Management – Master of Medical Management (MMM), 2017
- Certificate in Business Administration – American Society of anesthesiologists, 2001
- Medical School Honors – CIBA-Geigy Community Service Award – 1983; Chancellor's Award for Outstanding Student, 1985
- Licensed in LA and MS
- Board Certified, American Board of Anesthesiology
- Military: Major, Medical Corps, US Army Reserves, 1987-2002 and Veteran, Operation Desert Storm, Honorable Discharge, 2002
- Professional Society Memberships: American Medical Association, LA State Medical Society, Orleans Parish Medical Society, American Association of Physician Leaders, and more
- LSU School of Medicine: Director of Research, Director of Resident Education, Faculty Preceptor, Director of Liver Transplant Anesthesia Team, Chief of Pediatric Anesthesiology
- Children's Hospital: Pharmacy and Therapeutics Committee, QA, Formulary Review, Chairman-Department of Surgery, At Large Member-Medical Executive Committee, VP Medical Staff, President of Medical Staff, Physician Executive Sponsor, ARRA Governance Committee for implementation of electronic health record/CPOE
- Healthcare Organizations Leadership Positions: Board of Trustees – CHNO; Board of Trustees – LCMC Health; VP Board of Directors – CHNO Medical Practice; President, Board of Trustees, CHNO Anesthesiology Corporation; Clinical Informatics, and more
- Best Doctors, National Research Corp. – 2000-2020
- National Eagle Scout Association – Life Member
- Leadership Louisiana, Council for a Better LA – Class of 2010
- CHNO Outstanding Employee of the Year – Runner Up 2010
- Invited Lectures, Scientific Presentations with focus on Extracorporeal Membrane Oxygenation—national presentations; Peer Reviewed Publications in Journal of Pediatric Surgery, European Journal of Pharmacology, and more.

10. Indicate, if possible, for the nominee (this may be part of the C.V. in item 13):

- a) date of birth 10/23/1959
- b) educational background see CV
- c) employment history see CV

11. Additional comments:

12. Contact information for the nominee:

Name: John F. Heaton, MD

Postal address: Work: 1100 Poydras St., Suite 2500, New Orleans, LA 70163
Home: 29 River Cypress Lane, Madisonville, LA 70447

Phone number: Office: 504-896-3035

Email address: Office: john.heaton@lcmchealth.org

13. Other documents to attach to this form:

- a) A cover letter summarizing significant achievements and accomplishments
- b) Curriculum Vitae/Resumé
- c) Any other relevant documentation

The University may grant no more than two honorary degrees during an academic year.

NOMINATION DEADLINES:
Fall Semester – by October 1st
Spring Semester – by February 10th

Forward the nomination to: Provost and Vice President for Academic Affairs
P.O. Box 2002, Thibodaux, LA 70310

Nomination forms can be found at:
<http://www.nicholls.edu/president>

NEW ORLEANS — **New Orleans father, daughter work on front lines together to fight COVID-19**



Updated: 5:30 PM CDT Jun 18, 2020

Infinite Scroll Enabled ☒

Randi Rousseau

Anchor

NEW ORLEANS —

On the heels of Father's Day, a New Orleans father of six is not only a father figure for his family, but also at the hospital where he works.

He is an integral part in helping mobile staffers during the coronavirus pandemic, even encouraging his own daughter to help on the front lines.

Annie Bates knew at an early age she wanted to work in health care after watching her father battle leukemia.

"I saw all the doctors and nurses. They were so friendly and they helped my dad out a lot," Bates said.

Her father passed away, but her stepfather, Dr. John Heaton, continued to encourage her call to service.

"He stays after hours and then he comes home and still works and works," Bates said. "He's just been a really great father figure to my brothers and I."

Bates found herself in the neonatal intensive care unit at Children's Hospital, but as the coronavirus spread, her father encouraged her yet again to step outside her comfort zone.

"It was my job to make sure all of our hospitals have the equipment and the people and the facilities to be able to take care of this onslaught of patients," Heaton said.

While LCMC had ordered ventilators, hospital beds, and personal protective equipment, there was one major shortfall.

"We did have a tremendous shortage of people who were skilled to take care of these patients," said Heaton.

Bates heard Heaton talk about the shortage at home. So she decided to step away from her babies and onto the front lines for what she called a life-changing experience.

"Because some of the people there didn't have any family they were there alone in a room in the ICU without contact with your loved ones are family members unfortunately some of them never got to say bye so that really hit home," said Bates.

When Heaton heard his daughter was working on the front lines, he was proud.

"I heard several days later that Annie is working in the ICU in New Orleans East at Touro West Jeff," Heaton said. "I was so very proud of her."

Bates said she has always been proud of her Dad. Not only for the example he sets at home, but also in the hospital.

"He is one heck of a man," Bates said.

5.7.12 Honorary Degrees

The University awards honorary degrees for the purpose of honoring individuals who have demonstrated extraordinary achievements in such areas as industry, research, scholarship, education, artistic creation, social activism, human rights, humanitarian outreach, etc., or who have been recognized by the faculty for embracing or promoting the values of higher education and of the institution. (See Board Rules, Chapter 1, Academics, Section VI. Special Degrees.)

The following general principles shall apply to the selection process:

- The recipient should be recognized for extraordinary achievement over an entire career and not merely to honor a single achievement;
- The recipient of the degree shall be selected by a faculty committee and approved by the Provost and Vice President for Academic Affairs, President, and Board of Supervisors, as required;
- The honorary doctoral degrees awarded may be chosen from among the following:
- Honorary Doctor of Commerce (D. Com.) for achievement in and contributions to business and industry,
- Honorary Doctor of Fine Arts (D.F.A.) for contributions to and achievements in the arts,
- Honorary Doctor of Humane Letters (D.H.L.) for contributions to society through philanthropy and public service,
- Honorary Doctor of Laws (L.L.D.) for contributions to and achievement in government, law, public administration, or related service
- Honorary Doctor of Letters (D.Litt.), for contributions to and achievements in the field of writing, literature, film,
- Honorary Doctor of Music (Mus.D.) for contribution to and achievement in the field of music,
- Honorary Doctor of Pedagogy (D.Ped.) for contributions to and achievement in the field of teaching,
- Honorary Doctor of Science (D.Sc.) for contribution to and achievement in a field of science.

The relevant college should be consulted about the title of the degree; Eligibility:

- Candidates for honorary degrees must have distinguished themselves through outstanding contributions to society.
- Current members of the Board of Supervisors, faculty, staff, or administrators of the University are ineligible for honorary degree consideration.
- Louisiana elected officials in office (in local, state, or national government positions or who are candidates for office) at the time of selection and conferral are ineligible for honorary degree consideration.
- Honorary degrees shall not be awarded in absentia or posthumously except under extraordinary circumstances.
- The University may grant no more than two honorary degrees during an academic year

5.7.12.1 Honorary Degree Committee

An Honorary Degree Committee (its membership described below) shall be responsible for receipt, review, and recommendations of all nominations for such degrees.

Membership

1. Four tenured faculty members
 - One appointed by the president.
 - One appointed by the Provost and Vice President for Academic Affairs.
 - Two appointed by the Faculty Senate.

Note: Faculty members will serve staggered four-year terms. No college may have more than one representative.

1. The president of the Faculty Senate, or designee
2. The president of the Student Government Association, or designee
3. The president of the Unclassified Staff Council, or designee
4. The president of the Alumni Federation, or designee
5. The director of Graduate Studies

Note: The Director of Graduate Studies will serve as committee chair, but will be a non-voting member.

5.7.12.2 Procedure to be Followed for Nomination and Selection of Candidates

1. Nominations can originate from members of the faculty. A nomination may originate from an individual faculty member, from a department or college, or from the collaborative efforts of two or more departments or colleges within the university. Administrators who hold faculty rank may also nominate.
2. Any recommendations of potential nominees that come from outside the faculty shall be received by the Provost and Vice President for Academic Affairs' office for referral to the appropriate college.
3. Early during each semester, the Provost and Vice President for Academic Affairs' office may receive nominations for honorary degrees. The deadline for submission of all materials related to the nomination will be indicated for each semester. Adherence to a deadline is important in order that final approvals by the Board of Supervisors be obtained in time for the commencement ceremony in which the degree will be presented.
4. Each nomination shall be written and shall include, whenever possible:
 - A biographical statement containing name, address, professional title, place of birth, educational background, employment history, and other honorary degrees, if any; and
 - Appropriate written documentation for the nomination, including a list of primary contributions that qualify the individual for the honorary degree. This shall be indicated on the nomination form available from the Office of the President.

1. Nominations will be handled with discretion and confidentiality as permitted by law.
2. The Provost and Vice President for Academic Affairs will forward complete nomination files to the chair of the Honorary Degree Committee. The chair shall convene the committee to discuss committee procedures and meeting schedules. Support by a majority of the voting members shall be required to forward the nomination..
3. The Honorary Degree Committee will forward its recommendations to the Provost and Vice President for Academic Affairs. The recommendations will be accompanied by appropriate comments and will include the recommendation(s) of the degree(s) to be conferred. The Provost and Vice President for Academic Affairs will make appropriate comments and forward the file(s) to the President of the University. The President may
 - reject the nomination(s), ending all action , or
 - endorse the nomination(s) with appropriate comments, and forward the file(s) to the Board of Supervisors for the University of Louisiana System.

Upon approval by the Board, candidates will be informed by the President of their selection and invited to accept the honorary degree. Following acceptance, a public announcement will be made, and the degree will be conferred at the commencement ceremony.

CURRICULUM VITAE

John Frederick Gerard Heaton, MD, MMM

President, and Chief Medical Officer
LCMC Health
New Orleans, LA

Clinical Associate Professor of Anesthesiology and Pediatrics
Louisiana State University Health Science Center
New Orleans, LA

Clinical Associate Professor of Anesthesiology
Tulane University School of Medicine
New Orleans, LA

PREVIOUS POSITIONS:

LCMC Health- New Orleans, Louisiana
President, Clinical and System Operations 3/18-12/20
Chief Medical Officer 10/17-2/2018
Senior Medical Director, LCMC Hospitals Anesthesiology Group 7/17-present

Children's Hospital- New Orleans, Louisiana
Senior Vice President, Chief Medical Officer
5/2014-5/2018
Associate Medical Director, Patient Safety and Quality
2/2013-4/2014
Chief of Anesthesiology
6/2000-4/2014

Middle Georgia Hospital, Macon, Georgia
Chief Anesthesiologist
July 1999-May 2000

LSU School of Medicine- New Orleans, Louisiana
Associate Professor of Anesthesiology and Pediatrics
Chief, Section of Pediatric Anesthesiology
July 1995- July 1999

Assistant Professor of Anesthesiology and Pediatrics
Director of Resident Education
August 1994- June 1998

Assistant Professor of Anesthesiology and Pediatrics
Director of Research, Department of Anesthesiology
July 1992- August 1994

Locum Tenens Anesthesiologist- New Orleans Area
3/1992-6/1992

POST-GRADUATE MEDICAL EDUCATION:

Straight Surgical Internship 7/1985-6/1986
University of Mississippi Medical Center
Jackson, Mississippi

Clinical Research Fellow in Extracorporeal Membrane Oxygenation 7/1986-6/1987
Department of Pediatric Surgery
Ochsner Foundation Hospital

Junior Resident in General Surgery 7/1987-6/1988
Ochsner Foundation Hospital

Resident in Anesthesiology, with Additional Specialized Training in Pediatric Anesthesiology 7/1988- 2/1992
Ochsner Foundation Hospital

EDUCATION:

Nicholls State University
Thibodaux, Louisiana
Degree: B.S., Biology, 1981

Louisiana State University School of Medicine
New Orleans, Louisiana
Degree: M.D., 1985

Certificate in Business Administration
American Society of Anesthesiologists, 2001

Carnegie-Mellon University, Heinz College
School of Public Policy and Management
Master of Medical Management (MMM), 2017

MEDICAL SCHOOL HONORS:

CIBA-Geigy Community Service Award, 1983
Chancellor's Award ("Outstanding Student") 1985

LICENSURE:

Louisiana, by FLEX Examination, 1985, active
Mississippi, by reciprocity, 1985, active

BOARD CERTIFICATION:

Diplomate, Certificate 28008, American Board of Anesthesiology 1996

CONTACT INFORMATION:

Home:

29 River Cypress Lane
Madisonville, LA 70447

jfgheaton@gmail.com

Office:

1100 Poydras St.

Suite 2500

New Orleans, LA 70163

john.heaton@lcmchealth.org (office)

504-432-2010 Mobile

504-896-3035 Office

ADVANCED LIFE SUPPORT INSTRUCTOR:

Advanced Cardiac Life Support, 1985

Advanced Trauma Life Support, 1987

Pediatric Advanced Life Support, 1988

Neonatal Advanced Life Support, 1989

MILITARY:

- Major, Medical Corps, United States Army Reserve, 1987-2002,
- Veteran, Operation Desert Storm, Honorable Discharge 2002

PROFESSIONAL SOCIETY MEMBERSHIPS

- American Medical Association
- Louisiana State Medical Society
- Orleans Parish Medical Society
- American Association of Physician Leaders
- American College of Healthcare Executives
- Children's Hospital Association- Chief Medical Officer's Forum
- Children's Hospital Association- Quality and Safety Leader's Forum
- Society for Pediatric Anesthesia
- Affiliate Member, American Academy of Pediatrics

UNIVERSITY DEPARTMENTAL POSITIONS

LSU School of Medicine in New Orleans

- **Director of Research**, Department of Anesthesiology, 9/92 to 8/94
- **Director of Resident Education**, Department of Anesthesiology, 8/94 to 7/99
- **Faculty Preceptor**, Clinical Scientist Anesthesiology Resident Track, 1/93 to 7/98
- **Director**, Liver Transplant Anesthesia Team, 4/94 to 7/99
- **Chief, Pediatric Anesthesiology** 5/95-7/99

UNIVERSITY COMMITTEE APPOINTMENTS

LSU School of Medicine

- **Chairman**, Anesthesiology Resident Education Committee, 1994-1999
- **Institutional Graduate Medical Education Committee** 1995-1998
- **Admissions Committee**, LSU School of Medicine, 1996-1999, 2000-2015 present

MEDICAL STAFF COMMITTEE APPOINTMENTS

- **Pharmacy and Therapeutics Committee**, Children's Hospital, 2001-2003
- **Quality Assurance/Quality Improvement Committee**, Children's Hospital, 2001-2005
- **Quality Assurance/Quality Improvement Committee- Independent Reviewer for Septic Shock Initiative**, 2004-2014
- **Formulary Review Subcommittee, P&T Committee**, Children's Hospital, 2010-2014

MEDICAL STAFF LEADERSHIP POSITIONS

- **Chairman, Department of Surgery**, Children's Hospital, 2/2003- 2/2005
- **At Large Member, Medical Executive Committee**, Children's Hospital, 2/2005-2/2007
- **Vice President**, Medical Staff, Children's Hospital, 2/2007- 2/2009
- **President**, Medical Staff, Children's Hospital, 2/2009-2/2011
- **Medical Executive Committee**, Children's Hospital, 2002-2017
- **Physician Executive Sponsor, ARRA Governance Committee**, Children's Hospital, 2/2010-present (Medical Staff representative on six member committee overseeing *de novo* implementation of Soarian and NextGen electronic health record throughout hospital, ambulatory clinic, and affiliated practices)
- **Chairman, EHR Physician Advisory Group**, Children's Hospital, 2011-2014
- **Project Lead, Soarian CPOE Build Team**, Children's Hospital, 2012-2014

HEALTHCARE ORGANIZATION LEADERSHIP POSITIONS

- **Board of Trustees**, Children's Hospital, 2/2009- 2/2011, 5/2014- 12/2017
- **Board of Trustees**, LCMC Health, 5/2014- 2016
- **Vice President**, Board of Directors, Children's Hospital Medical Practice Corporation, 5/2014- 2017
- **Children's Hospital Board**, Gulf South Quality Network (Regional Clinically Integrated Network), 2/2015- 6/2017
- **Board of Trustees**, Healthcare Professionals Foundation of Louisiana 2016-present
-

- **President, Board of Trustees, Children's Hospital Anesthesiology Corporation dba LCMC Hospitals Anesthesiology Corp, 2016- present**
- **Physician Leadership Council, Louisiana Hospital Association, 2017-present**
- **Program Steering Committee, Children's Hospital Association CMO Forum, 2014-2016**
- **LCMC System Clinical Informatics Committee, 2015- present**
- **President, LCMC Healthcare Partners Clinically Integrated Network, 2017- present**
- **President LCMC Health Clinical Services, Inc., 2017- present**
- **Board of Trustees, Taking Aim at Cancer Louisiana, 2018-present**
- **Health Systems Advisory Sub-Committee for the Louisiana Perinatal Quality Collaborative 4/2020-present**
- **Louisiana Hospital Association- Physician Leadership Academy Steering Committee 2018-present**
- **Louisiana Committee of 100 for Economic Development 2020-present**

OTHER

- **Manager (with spouse), New Orleans Ronald McDonald House, 1983-1985**
- **Flight Care Physician, Adult, Pediatric, and Neonatal Transport Teams, Ochsner Foundation Hospital, 1986-1992**
- **National Eagle Scout Association, Life Member**
- **Board of Directors, Gulf Coast Conservation Association, 1988- 1999**
- **President, East Jefferson Chapter, Gulf Coast Conservation Association, 1994-1995**
- **"Best Doctors", National Research Corp., 2000-2020**
- **Anesthesiologist Representative, Council for Public Interest in Anesthesia, American Association of Nurse Anesthetists, 2008-2009**
- **Leadership Louisiana, Council for a Better Louisiana (CABL), Class of 2010**
- **Children's Hospital, "Outstanding Employee of the Year", Runner Up, 2010**

INVITED EXTRADEPARTMENTAL LECTURES:

"Preoperative Evaluation of Pediatric Patients- What the Anesthesiologist Wants and Needs to Know"

LSU Department of Pediatrics, September 16th, 1992

"Use of Desflurane in Pediatric Patients- Initial Impressions"

Children's Hospital of Birmingham, July 28, 1993

"The Use of Desflurane in Pediatric Anesthesia"

French Quarter Fest Anesthesia Update, March 9, 1994

"Desflurane in Pediatric Patients"

23rd Anesthesia Seminar, Medical Educational Council of Pensacola, April 22nd, 1994

"The Use of Anesthetics and Muscle Relaxants in the Emergency Department"

6 Hour Lecture Series for LSU Department of Emergency Medicine Faculty, May 12-13, 1994

"Desflurane Anesthesia in Pediatric Outpatients"

Scottish Rite Children's Hospital, Atlanta, Georgia, September 22, 1994

" Pediatric Fluid Management"

"Pediatric Outpatient Anesthesia"

Florida Association of Nurse Anesthetists Annual Meeting, February 4, 1995

Ocala, Florida

"Perioperative Considerations in Pediatric Ophthalmologic Surgery"

Association of Ophthalmic Operating Room Nurses, New Orleans, February 10, 1995

"Emergency Airway Management: Panel Discussion"

LSU Department of Emergency Medicine, Annual C.M.E. Seminar, New Orleans, May 25, 1995

"From the Inside Looking Out: An Anesthesiologist's View on Preoperative Medical Consultation"

Acadiana CME Committee Seminar, Lafayette, Louisiana, April 6, 1995

"Use of Desflurane in Pediatric Patients"

Egleston Children's Hospital, Atlanta, Georgia, May 31, 1995

"Controversies and Conundrums in Pediatric Anesthesia"

Louisville Society of Anesthesiologists, Louisville, Kentucky, April 18, 1996

"Perioperative Management of Pediatric Ambulatory Surgical Patients"

University Hospital, Louisville of Kentucky, April 19, 1996

"Pre-op Clearance: What the Anesthesiologist Wants and Needs to Know"

New Orleans Pediatric Society, May 2002

"Healthcare Finance 101"

Children's Hospital Multidisciplinary HAB Conference- Jan. 17, 2013

"Anesthesia and the Developing Brain: Fundamental Facts for a Clinical Conundrum"

Meredith Campbell Memorial Lecture, Society for Pediatric Urology, May 15, 2015

SPONSORED RESEARCH:

"A Model for Investigation of the Effects of Anesthetics on Central Control of Ventilation",
\$10,000, LSU Neuroscience Center Incentive Grant, 1993

"Propofol for Patient Controlled MAC Sedation", \$15,000, Zeneca-Stuart Pharmaceuticals, 199

SCIENTIFIC PRESENTATIONS:

"Extracorporeal Membrane Oxygenation for Congenital Heart Disease" Robert E. Gross
Symposium, University of Texas, Houston, 1987

"Total Anomalous Pulmonary Venous Connection: Can ECMO Play a Role in Management: Report of Four Cases."

Children's Hospital National Medical Center ECMO Symposium, 1987

"Venoarterial Extracorporeal Membrane Oxygenation for Biventricular Assist in Acute Rejection of Cardiac Allograft"

"Complications of Extracorporeal Membrane Oxygenation Other Than Hemorrhage: Analysis of One Hundred and Four Cases"

"The Role of Extracorporeal Membrane Oxygenation in Congenital Diaphragmatic Hernia"-all presented at Circulatory Support 1988, Topical Meeting of the Society of Thoracic Surgeons, February, 1988

"Extracorporeal Membrane Oxygenation in Pediatric Patients"

J. Heaton, S. Bonis, E. Fajardo, and R. Arensman
CHNMC ECMO Symposium, February 1988

"Halothane Induces Endothelium-Independent Vasorelaxation in the Pulmonary Artery"

O. Erdemli, B. Cai, B. Lin, A. Hyman, H. Lipton, J. Heaton
American Society of Anesthesiologists 1993 Annual Meeting, Washington, D.C.

"Ketamine Dilates the Pulmonary Vasculature *In Vivo* and *In Vitro*"

J. Heaton, H. Lipton, A. Hyman, M. Naraghi
Association of University Anesthesiologists 1994 Annual Meeting, Chicago, Illinois

"Effect of Patient Controlled Sedation with Propofol on Recovery from Monitored Anesthesia Care"

Poster Presentation, ASA Annual Meeting, San Francisco, California, 1994

ABSTRACTS:

"Extracorporeal Membrane Oxygenation for Respiratory Failure Caused by Hydrocarbon Ingestion"

J. Heaton, S. Bonis, K. Falterman, and R. Arensman
Children's Hospital National Medical Center ECMO Symposium, 1987

"Assessment of Metabolic Balance in Infants Undergoing ECMO" C. Dean, J. Heaton, and R. Arensman
American Dietetic Association, Atlanta, Georgia, 1987

"Extracorporeal Membrane Oxygenation for Infants with Severe Meconium Aspiration Syndrome"

R. Steiner, J. Heaton, J. Goldsmith, K. Falterman, and R. Arensman
Ross Neonatology Symposium, Washington D.C., 1987

"Extracorporeal Membrane Oxygenation in Patients with Congenital Diaphragmatic Hernia"

C. Redmond, J. Heaton, K. Falterman, and R. Arensman
Robert E. Gross Symposium, University of Texas, Houston, 1987

"Continuous versus Single Shot Subarachnoid Anesthesia in Parturients: Review of 413 Cases"D. Bayhi, J. Heaton, R. Cork, T. Nolan New York Society of Anesthesiologists Postgraduate Assembly, 1993

"Topical Lidocaine Ointment for Treatment of Herpes Zoster"

J. Eyrich, J. Riopelle, J. Heaton, M. Naraghi, R. Cork
New York Society of Anesthesiologists Postgraduate Assembly, 1993

"Prospective, Randomized Trial of 3% Tetracaine Preparations for Reducing Pain of Intravenous Catheter Placement"

M. Boyd, J. Heaton, J. Eyrich, J. Riopelle, M. Naraghi
American Society of Anesthesiologists 1993 Annual Meeting, Washington, D.C.

"The Effects of Surgical Sedation on Implicit Memory"

RC Cork, C Campbell, J Eyrich, S Viswanathan, J Heaton, J Kihlstrom
Association of University Anesthesiologist 1994 Annual Meeting, Chicago, Illinois

PEER REVIEWED PUBLICATIONS:

CONGENITAL DIAPHRAGMATIC HERNIA: IMPROVING SURVIVAL WITH EXTRACORPOREAL MEMBRANE OXYGENATIONJ.F.G. Heaton, C. R. Redmond, K. W. Falterman, and R. M. Arensman, *Pediatr. Surg. Int.*, 3:6-10 (1988)

A CORRELATION OF PULMONARY HYPOPLASIA, MEAN AIRWAY PRESSURE, AND SURVIVAL IN CONGENITAL DIAPHRAGMATIC HERNIA TREATED WITH EXTRACORPOREAL MEMBRANE OXYGENATION C. Redmond, J. Heaton, J. Calix, E. Graves, G. Farr, K. Falterman, and R. Arensman, *J. Ped. Surg.*, 22: 1143-1149 (1987)

EXTRACORPOREAL MEMBRANE OXYGENATION FOR NON-NEONATAL RESPIRATORY FAILURE V. Adolph, J. Heaton, R. Steiner, K. Falterman, and R. Arensman *J. Ped. Surg.*, 26: 326-332 (1991)

PEDIATRIC EXTRACORPOREAL MEMBRANE OXYGENATION IN POSTTRAUMATIC RESPIRATORY FAILURE. Steiner RB, Adolph VR, Heaton JF, Bonis SL, Falterman KW, Arensman RM: *J. Ped. Surg.* 26: 1011-1015 (1991)

PRODEPIN: A NEW PRODUCT OF THE ADRENOMEDULLIN GENE HAS SYSTEMIC VASODILATOR ACTIVITY H. Lipton, Y. Gao, B. Lin, J. Heaton, J. Ferrara, M. DeVito, T. Granger, J. Pigott, J. Chang, and A. Hyman, *Life Sciences*, 54:409-412 (1994)

AN ADRENOMEDULLIN FRAGMENT RETAINS THE SYSTEMIC VASODEPRESSOR ACTIVITY OF RAT ADRENOMEDULLIN B. Lin, Y. Gao, J. Chang, J. Heaton, A. Hyman, and H. Lipton. *Eur. J. Pharmacol.*, 260:1-4 (1994)

A SURGICALLY IMPLANTABLE NERVE IRRIGATION SYSTEM FOR INTERMITTENT DELIVERY OF DISSOLVED DRUGS: EVALUATION OF LONG-TERM PERFORMANCE AND HISTOCOMPATIBILITY IN RATS The Local Anesthesia for Neuralgia Study Group. *J. Pharm. Tox. Methods*, 31: 221-232 (1994)

EFFECT OF PATIENT CONTROLLED SEDATION ON RECOVERY FROM AMBULATORY MONITORED ANESTHESIA CARE R. Cork, E. Guillory, S. Viswanathan, J. Eyrich, J. Heaton *Am. J. Anesthesiol.* 1: 94-100 (1995)

PULMONARY VASODILATION TO ADRENOMEDULLIN (ADM): A NOVEL PEPTIDE IN MAN J. Heaton, B. Lin, J. Chang, S. Steinberg, A. Hyman, and H. Lipton *Am J Physiol Heart Circ Physiol* 268: H2211-H2215, 1995

PROSPECTIVE SURVEY OF CONTINUOUS VERSUS SINGLE-INJECTION SPINAL ANESTHESIA IN OBSTETRICS D. Bayhi, J. Heaton, R. Cork, T. Nolan. *South Med J.* 1995;88:1043-1048

IS THERE IMPLICIT MEMORY AFTER PROPOFOL SEDATION? R. Cork, J. Heaton, C. Campbell, J. Kihlstrom. *British Journal of Anaesthesia* 1996; 76: 492-498.

EXPERIENCE SUMMARY:

Experienced physician leader and respected clinician. Passionate advocate for community health and patient safety. Experience and expertise in crisis management, including as Incident Commander for a large regional health system during major natural disasters and the Covid 19 global pandemic. Experience developing patient safety and clinical departments from rudimentary to nationally recognized. Comprehensive knowledge of hospital operations and development of high performing clinical programs. Devoted clinical educator and mentor. Comprehensive health system governance and executive operations experience throughout the inception and development of a six hospital health \$2.5 billion annual net patient service revenue health system. Well-developed relationships with regional academic and community physicians, with a national network in the physician leadership community.

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

Item F.2. **Southeastern Louisiana University's** request for approval to offer a Master of Science in Computer Networking and Administration.

EXECUTIVE SUMMARY

Southeastern Louisiana University (SLU) requests approval to offer a Master of Science (MS) in Computer Networking and Administration. The Letter of Intent was approved by the Board of Supervisors for the University of Louisiana System in June 2019 with subsequent approval granted by the Board of Regents in December 2019. In accordance with *Regents' Academic Affairs Policy 2.05*, the graduate-level program proposal was reviewed by an external consultant. Dr. Kyle Cronin, Associate Professor, Department of Computer Science, Dakota State University, conducted the review. Dr. Cronin found the program concept to be strong and that it will augment already established undergraduate and graduate programs. He went on to state "The program, while having similarities, stands unique within the statewide regental system as its focus is on network and system administration as opposed to a specific focus on software, algorithm, or engineering development."

The proposed MS degree is designed to provide current students, alumni, and computer science professionals with a pathway to high-demand careers in the applied computer science and information technology industries, with a focus in the areas of computer networking and administration. The proposed graduate program will prepare individuals for career-oriented jobs in rapidly growing computer networking and administration industries in the State of Louisiana and beyond. The demand for graduates with a degree in computer science is growing two times the national average according to the Bureau of Labor Statistics. The Bureau projects that new computing jobs will account for 71% of all STEM jobs. Furthermore, Computer Networking and Administration will be the major portions of the computing job market. The program proposed by SLU will help meet industry need.

The online graduate program, with thesis (27 credit hours of coursework and 6 credit hours of graduate thesis) and non-thesis (33 credit hours of coursework) options, will include 15 hours of core courses along with 12-18 hours of specialized coursework depending on the thesis option selected by the student. Core courses include: Advanced Networking and Systems Administration Principles, Network Design and Performance, Advanced Systems Administration Concepts, and a Capstone Course. While other public universities in the state offer graduate level computer science programs, what is proposed by SLU is fundamentally different from those existing programs. While the proposed program is built upon the same foundations as other graduate-level computer science programs, what SLU has designed also examines the organizational and the technological

issues involved in enterprise scale networking including emerging network technologies, network processing, high-performance computing, networking programming, and security. A graduate program of this nature will complement existing computer science programs and, together, these programs will produce talent required of the workforce.

The proposed graduate program will target two main streams of potential candidates – those who completed traditional programs in computer science and professionals with non-computer science degrees who are currently working in computing areas or are seeking a career change. The University anticipates an initial enrollment of 15 students with that number increasing to 50 by YR 5. Program implementation will require no new physical infrastructure and will share existing faculty resources. Since the Department of Computer Science currently offers undergraduate courses in the areas of computer networks and administration, there is a solid foundation for building the proposed graduate program; it's a natural extension of SLU's BS in Computer Science and Information Technology, with nearly 500 majors. The only anticipated cost is the addition of one tenure-track faculty member in order to accommodate the increased frequency of graduate course offerings. The first two years of this faculty member's salary will be paid by a grant from Louisiana Economic Development. All courses required of the proposed graduate program will be offered online to accommodate working adults.

RECOMMENDATION

It is recommended that the following resolution be adopted:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors for the University of Louisiana System hereby approves Southeastern Louisiana University's request for approval to offer a Master of Science in Computer Networking and Administration.

January 27, 2022

Dr. James B. Henderson
President, The University of Louisiana System
1201 North Third Street, Suite 7-300
Baton Rouge, LA 70802

Re: Proposal for Master of Science in Computer Networking and Administration

Dear Dr. Henderson:

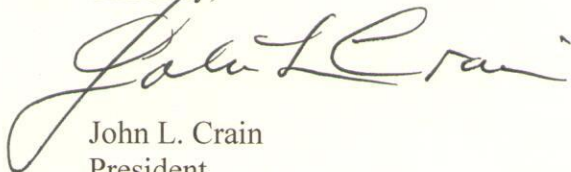
Southeastern Louisiana University respectfully requests that its proposal to develop a new academic program leading to a Master of Science in Computer Networking and Administration be placed on the agenda for the February 2022 meeting of the University of Louisiana System Board of Supervisors.

The Letter of Intent to develop the proposal now submitted was approved by the Board of Supervisors in June 2019 and by the Board of Regents in December 2019. The required external consultant evaluation of the proposal was completed in January 2022.

The Master of Science in Computer Networking and Administration is designed to provide our current students, alumni, and computer science professionals with a pathway to high-demand careers in the applied computer science and information technology industries, with a focus in the areas of computer networking and administration. This program will prepare graduate students for career-oriented jobs in the rapidly growing computer networking and administration industries in the State of Louisiana and the entire nation. The course work will be available 100% online. Offering the courses online enables us to provide prospective students with a huge degree of flexibility in course scheduling and location. The use of virtual hands-on labs will augment the learning experience for the practical aspects of networking and administration for our students.

Your consideration of this request is appreciated.

Sincerely,



John L. Crain
President

Attachment

Louisiana Board of Regents
AA 2.05: REQUEST FOR AUTHORITY TO OFFER A NEW DEGREE PROGRAM*

-- Including incremental credentials building up to the Degree --

* Prior to final action by the Board of Regents, no institution may initiate or publicize a new program.*

Date: January 19, 2022

Institution: Southeastern Louisiana University	Requested CIP, Designation, Subject/Title: 11.0101, Master of Science, Computer Networking and Administration
Contact Person & Contact Info: Dr. Tena L. Golding, Provost and Vice President for Academic Affairs provost@southeastern.edu Phone: (985) 549-2316 Fax: (985) 549-2304 SLU 10798 Hammond, LA 70402	
Date Governing Board approved this Proposal:	
Planned Semester/Term & Year to Begin Offering Program: Fall 2022	
Program Delivery Site (s): Southeastern Louisiana University, Hammond, LA	

1. Program Description

Describe the program concept: (a) purpose and objectives; and (b) list learning outcomes for the proposed program, i.e., what students are expected to know and be able to do upon completion of the program. Be as specific as possible.

Southeastern Louisiana University proposes the establishment of a Master of Science in Computer Networking and Administration. Accredited by the Accreditation Board of Engineering and Technology (ABET) since 1999, our Computer Science programs are committed to preparing students to be nationally competitive both in the workforce and in graduate studies. We are producing computer science graduates who are highly sought-after in the state, region, and around the nation.

This MS degree is designed to provide our current students, alumni, and computer science professionals with a pathway to high-demand careers in the applied computer science and information technology industries, with a focus in the areas of computer networking and administration. This program will prepare graduate students for career-oriented jobs in the rapidly growing computer networking and administration industries in the State of Louisiana and the entire nation. The course work will be available 100% online. Offering the courses online enables us to provide prospective students with a huge degree of flexibility, in course scheduling and location. The use of virtual hands-on labs will augment the learning experience for the practical aspects of networking and administration for our students. Best practices for virtual hands-on lab and simulations can be found here: D. C. Sicker, T. Lookabaugh, J. Santos and F. Barnes, "Assessing the Effectiveness of Remote Networking Laboratories," *Proceedings Frontiers in Education 35th Annual Conference*, Indianapolis, IN, 2005, pp. S3F-S3F.

Objectives:

Southeastern's Master of Science in Computer Networking and Administration is fundamentally different from traditional computer science programs. The proposed program is built upon the same foundations as other graduate-level computer science programs but emphasizes both the knowledge and the technical skills needed for the workforce. The program will examine the organizational and the technological issues involved in enterprise scale networking including emerging network technologies, network processing, high-performance computing, network programming, and security. The proposed program will prepare graduates for jobs in the rapidly growing computer networking and administration industries. We recognize the need for such professionals not only in our local area, but also regionally, and nationwide. Our degree will prepare students for positions such as computer network administrator, network specialist, network design engineers, system software developer, and system administrator.

The program will attract our students and alumni as well as professionals in need of advanced career-enhancing training.

Outcomes:

Upon completion of this degree, students will be expected to:

- (i) understand the underlying conceptual and technological foundations of Computer Networking;
- (ii) understand the most pressing issues (such as Network Security) in the field of Computer Networking;
- (iii) understand managerial aspects of Networking as applied in a commercial situation, and
- (iv) apply this knowledge to real-world practical situations.

The proposed program is to be available completely on-line. Semesters include Fall, Spring and Summer so the students can graduate on time.

To maintain the quality of the proposed MS program, we have built and will implement the same ABET assessment procedures to guarantee that our graduates meet the learning outcomes and the educational objectives of the program.

This proposal has been presented to the Industrial Advisory Council for the Department of Computer Science at Southeastern. The Advisory Council includes all major employers in the fields of computer science and information technology in southeastern Louisiana. The proposal was strongly endorsed by the Council.

Map out the proposed curriculum, including course credits and contact hours (if applicable). Identify any incremental credentials and/or concentrations within the degree. Indicate which courses will be new. Describe a plan for developing and offering new courses as well as any special program requirements (e.g., internships, comprehensive exam, thesis, etc.).

Structure and Content:

Admission requirements:

- A bachelor's degree or appropriate post-baccalaureate certificate in Computer Science or Computer Engineering from an institution with full regional accreditation for that degree.
- A minimum cumulative undergraduate GPA of 2.7 on a 4.0 scale (or equivalent).
- Transcripts that show completion of courses in key areas such as general programming skills using languages such as C/C++ and Java, formal programming language foundations, data structures, algorithms, and discrete math.
- If the undergraduate degree is not in Computer Science or Computer Engineering, students may be required to take the appropriate prerequisites.
- Combined score on the GRE of at least 290. Can be waived if undergraduate GPA in related fields is above 3.0, or proven related professional experience.
- Two letters of recommendation.

Applicants who fail to meet any of the above criteria could still be granted conditional admission into the MS program. Internal mechanisms will be in place to provide a path for acceptance.

Graduation requirements

- The program requires a total of 33 credit hours beyond the baccalaureate degree. This includes successful completion of all courses listed on the Plan of Study within the 5-year time limit
- Achievement of a GPA of at least 3.0 (a "B" average), with no more than 6 credit hours of a "C" grade and no grade below a "C" in the courses on the Plan of Study
- 15 credit hours of core courses
- 12 or 18 credit hours of specialization coursework depending on the option
- The student can select from the following program options:

- Thesis Option – 27 credit hours of course work and 6 credit hours of graduate thesis.
- Non-Thesis Option – 33 credit hours of course work.

The curriculum combines coursework in the foundations of computer science as well as topics in the focus areas of computer networking and administration. Foundational or core courses have been limited to 15 credit hours in order to provide sufficient opportunity for students to develop a particular focus while maintaining a breadth of knowledge in the field. Below topics are listed for both the foundational coursework and the focus area coursework. Following are typical schedules.

COURSES

CORE COURSE WORK (required – these will be new courses)

- CMPS 580: Advanced Networking and Systems Administration Principles; 3 hours
- CMPS 609: Network Design and Performance; 3 hours
- CMPS 616: Advanced System Administration Concepts; 3 hours
- CMPS 635: Applications of Cyber Defense and Cryptography; 3 hours
- CMPS 711: Capstone; 3 hours

ELECTIVE COURSE WORK OF FOCUS AREAS – (these will be new courses)

- CMPS 615: Enterprise Computing; 3 hours
- CMPS 620: Advanced Networking Concepts; 3 hours
- CMPS 631: Network Modeling and Analysis; 3 hours
- CMPS 632: Network Management; 3 hours
- CMPS 650: Advanced Large-Scale Computing; 3 hours
- CMPS 651: Emerging Computing and Networking Technologies; 3 hours
- CMPS 652: Advanced Storage Technologies; 3 hours
- CMPS 770: Thesis; 1-3 hours, repeatable for up to 6 hours

THESIS/PROJECT

- Thesis option in which the student works with a committee and has a formal public defense of their work.
- CMPS 770: Thesis; 1-3 hours, repeatable for up to 6 hours
- Advanced Capstone Project in which the student works closely with a sponsor (faculty or industry) to complete a project of merit.

These 13 new graduate courses will be designed by current faculty. We already have courses in the areas of Computer Networking and Administration at the undergraduate level, so our faculty have been teaching and doing research in these areas and have the expertise needed to design the courses. The courses will be rolled out at the rate of two to three new courses per semester using the following schedule:

TWO YEAR SCHEDULE FOR COURSE ROLL-OUT

New courses	Year 1 Fall	Year 1 Spring	Year 2 Summer	Year 2 Fall	Current faculty with expertise
580	X				Yang; Alkadi; Soysal; Sekeroglu; Regis
609	X				Tran; Regis
615			X		Burris; Koutsougeras
616		X			Tran; Regis
620	X				Tran; Regis
631			X		Tran; Regis
632				X	Tran; Regis
635		X			Burris; McDowell

650		X			Soysal; Sekeroglu
651			X		Burris; McDowell; Achee; Tran
652				X	Soysal; Sekeroglu
770			X	X	All faculty
711				X	Koutsougeras; Alkadi

CURRICULUM for MS in COMPUTER NETWORKING AND ADMINISTRATION

FIRST YEAR			
First Semester			
Course Number	Course Name	Core/Elective	Hours
CMPS 580	Advanced Networking and Systems Administration Principles	Core	3 hrs
CMPS 609	Network Design and Performance	Core	3 hrs
CMPS 620	Advanced Networking Concepts	Elective	3 hrs
	Sub Total:	9	hours

Second Semester			
Course Number	Course Name	Core/Elective	Hours
CMPS 635	Applications of Cyber Defense and Cryptography	Core	3 hrs
CMPS 616	Advanced System Administration Concepts	Core	3 hrs
CMPS 650	Advanced Large-Scale Computing	Elective	3 hrs
	Sub Total:	9	hours

SECOND YEAR			
Summer Semester			
Course Number	Course Name	Core/Elective	Hours
CMPS 631	Network Modeling and Analysis	Elective	3 hrs
CMPS 651	Emerging Computing and Networking Technologies	Elective	3 hrs
CMPS 615	Enterprise Computing	Elective	3 hrs
CMPS 770	Thesis*	Elective	3 hrs
	Sub Total:	6	hours

*Thesis option take one elective and Thesis CMPS 770 for 3hrs

Fall Semester			
Course Number	Course Name	Core/Elective	Hours
CMPS 711	Capstone	Core	3 hrs
CMPS 632	Network Management	Elective	3 hrs
CMPS 652	Advanced Storage Technologies	Elective	3 hrs
	Sub Total:	9	hours

Thesis option take CMPS 711, one elective and Thesis (CMPS 770) for 3hrs

Total:	33	hours
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Note: Courses are designed to accept new students in cohorts.

More elective courses will be added gradually to give students more choices.

In the following sections we give a brief descriptions of each of the topics studied in Core and Focus Area courses.

COURSE DESCRIPTIONS

CORE COURSE WORK

- **CMPS 580: Advanced Networking and Systems Administration Principles**

This course examines system administration and networking topics and technologies that serve as the basis for later course work in both areas. Topics covered include: The role of the system administrator in an organization, determining the needs of an organization, the ethical and legal considerations that must be made, networking principles related to maintaining a complex network and computer system, user privileges, and managing operations.

- **CMPS 609: Network Design and Performance**

This course will examine the design and performance of networks. Students will learn to design networks based on identified needs and analyze the performance of that network. The designs include site, campus, and enterprise networks. WAN technologies will be combined with LAN technologies in the design of enterprise networks. Students will learn to assess the business goals and their application to the network goals. Students will learn to evaluate the security goals of the network and to integrate these goals in the design.

- **CMPS 616: Advanced System Administration Concepts**

This course examines in more depth the role of the system administrator and their duties. Topics covered include: Determining an organization's computing and networking needs, evaluating and optimizing performance, user provisioning, managing an organization's servers, desktop, and mobile equipment.

- **CMPS 635: Applications of Cyber Defense and Cryptography**

This course provides a look at theoretical and practical approaches to firewalls, intrusion detection systems, and cryptography. In addition to technical approaches, this course contextualizes cybersecurity threats and responses in national and international law while recognizing the limits of current law, the need for further policy evolution, the real-world impacts of different legal and policy options, and ethics. Topics covered include: configuration, implementation, rule creation, and filtering for firewalls and intrusion detection systems, classical and contemporary ciphers, cryptographic protocols, applications of cryptography, and hardware/software fault tolerance.

- **CMPS 711: Capstone**

In order to provide exposure to a specific area within Computer and Network Security, semester-long projects are designed allowing students to collaborate with industry partners providing real-world experiences that are at a level appropriate to graduate study. Projects must focus on the area of computer and network security and require the application of sound project management principles in order to be developed on time, on budget, and on specification. This course takes students through the nine knowledge areas of modern project management and the utilization of project management principles in both traditional and agile environments.

ELECTIVE COURSE WORK

- **CMPS 615: Enterprise Computing**

This course explores enterprise systems (clouds, server farms, etc.) from the environment, networking, storage, security, and system administration perspectives. Students in this course gain an understanding of the knowledge and concepts needed to manage and administrate those enterprise systems.

- **CMPS 620: Advanced Networking Concepts**

This course will cover the principles of both wired and wireless networking with a focus on algorithms, protocols and implementation with a focus on advanced networking concepts. The course will begin with in-depth background in architecture and protocols at physical, MAC, IP, and transport layers. Also, theoretical aspects of network challenges are discussed with a research focus. The course also explores the realm of technologies such as peer-to-peer networks, future internet, real-time applications, smart grid and IPv4 and IPv6 integration and translation. Students will learn about these technologies through lectures and explore some of them through class projects and exercises.

- **CMPS 631: Network Modeling and Analysis**

The course provides comprehensive exposition of the core concepts in network modeling and simulation. It will cover both graph theoretical and statistical models of complex networks such as the Internet and social networks. It also introduces different types of modeling techniques and simulation tools. The course also systematically addresses some practical and theoretical consideration for developing complex modeling. It offers real world examples to illustrate the process of modeling to address specific problems. Students will need one statistics course to be successful in this class.

- **CMPS 632: Network Management**

This course provides an introduction to network management concepts with hands-on laboratory sessions in developing network management applications and using it to study and analyze the performance of networks, data communications hardware and software, and use of these components in computer networks. Topics include but are not limited to introduction to network management concepts, the five basic network management functions namely fault management, configuration management, performance management, accounting management and security management; introduction to SNMP and its versions; remote monitoring and different network management architectures.

- **CMPS 650: Advanced Large-Scale Computing**

This course explores, in depth, large-scale systems (mainframes, clusters/grids) from an advanced perspective in the environment, networking, storage, security, and system administration. Students in this course gain the ability needed to design, justify and administer those large-scale systems.

- **CMPS 651: Emerging Computing and Networking Technologies**

In this course, students will be researching the current state of several of the most significant emerging technologies. The course will consist of a combination of lectures where technologies will be presented and explained; independent labs, modeling and simulation exercises that will reinforce the students' understanding of the technologies by allowing them to work with them in a hands-on fashion; and independent literature research to serve as a foundation for future work in this degree program.

- **CMPS 652: Advanced Storage Technologies**

This course explores the spectrum of storage technologies ranging from DAS to JBODS to SANs. Media types including Ramdisk, Flash, SSD, magnetic, optical and other emerging technologies will be investigated. The issues to be faced as systems grow to enterprise scale will also be addressed. Features of local, distributed, and networked storage including SANs will be introduced as well as issues such as capacity planning, virtualization, decentralized storage, security, crash recovery and load balancing, and maintenance in support of high-performance systems and maintenance.

- **CMPS 770: Thesis**

A formal treatise presenting the results of study submitted in partial fulfillment of the requirements for the applicable degree. The process requires extensive and intensive one-on-one interaction between the candidate and professor with more limited interaction between and among the candidate and other members of the committee.

Identify any embedded Industry-Based Certifications (IBCs). Describe the process for students to earn/receive the IBC.

There are no explicitly embedded Industry-Based Certifications for the program. However, the program provides sufficient material coverage to prepare students to begin pursuit of certain certifications. The lawworks.net portal lists the CompTIA certifications in the state focus list (http://www.lawworks.net/Downloads/PR/WIC/IBC_StateFocusList.pdf).

These CompTIA certifications are related to the proposed degree:

- **Network+** (<https://www.comptia.org/certifications/network>): there is a great overlap in content with SLU's proposed coursework.
- **Security+** (<https://www.comptia.org/certifications/security>): given the list of courses proposed, it doesn't seem to have much in common with this certification. Although network security will be spread out in our coursework, in the future more security focused-courses could be offered which could prepare students to take this IBC.

The following certifications are **not** listed in the focus list, but are relevant to the MS coursework.

- **Cloud Essentials+** (<https://www.comptia.org/certifications/cloud-essentials>): the MS program will expose the students to cloud computing concepts if they don't have the basic knowledge from their undergraduate studies and/or professional experience already.
- **Cloud+** (<https://www.comptia.org/certifications/cloud>): the advanced coursework of the program can potentially prepare the student for this certificate.

The College of Science and Technology has an existing relationship with Amazon Web Services as AWS Academy and AWS Educate partners. As such, any student in the program will have access to training materials for the following certifications:

- AWS Cloud Foundations (<https://aws.amazon.com/certification/certified-cloud-practitioner/>)
- AWS Solutions Architect - Associate (<https://aws.amazon.com/certification/certified-solutions-architect-associate/>)

In addition to training materials, students receive vouchers for examination as well as funding opportunities.

Program Delivery (Courses): To what extent must a student come to the campus to complete this program, including orientation or any face-to-face meetings?

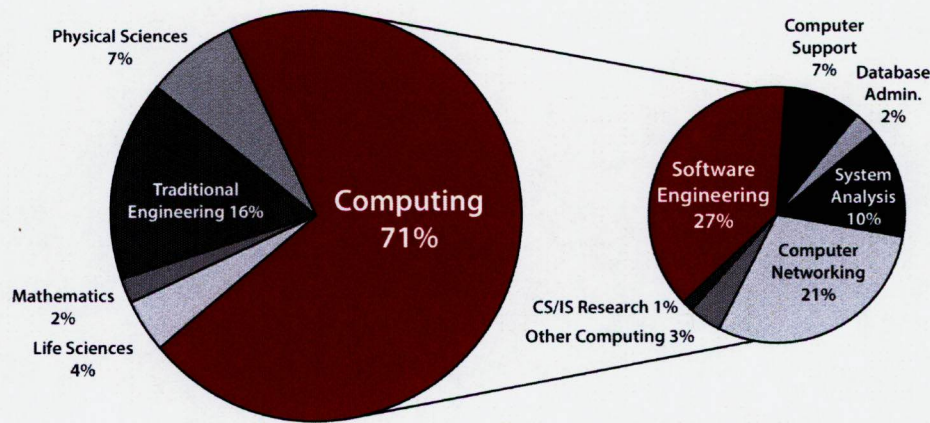
☐ On-site (>50% delivered face-to-face) ☐ Hybrid (51%-99% online) ☒ Online (100% online)

2. Need

How is this program essential for the wellbeing of the state, region, or academy (e.g., how is it relevant, how does it contribute to economic development or relate to current/evolving needs).

Nationwide, computer science is a top paying discipline and the job demands for graduates with a degree in computer science are growing at two times the national average according to the Bureau of Labor Statistics (BLS), Department of Labor. The bureau projected that new computing jobs will account for 71% of all STEM jobs. Furthermore, Computer Networking and Administration will be the major portions of the computing job market. See Figures 1 and 2 below. Recent updates from the BLS project this trend to continue through 2029, with growth in Computing occupations being the third highest among all fields at 12.1%, compared to an average of 3.7% for all occupations. (<https://www.bls.gov/emp/graphics/2020/projected-percent-change.htm>)

Percentage of New STEM Jobs by Area through 2018



Data Source: US-BLS Employment Projections, 2008-2018 (http://www.bls.gov/emp/ep_table_102.pdf).

Figure 1: This figure illustrates how the need for new computing professionals is dominating STEM-related professions. Also note how that the focus area of computer networking is a substantial portion of the overall need.

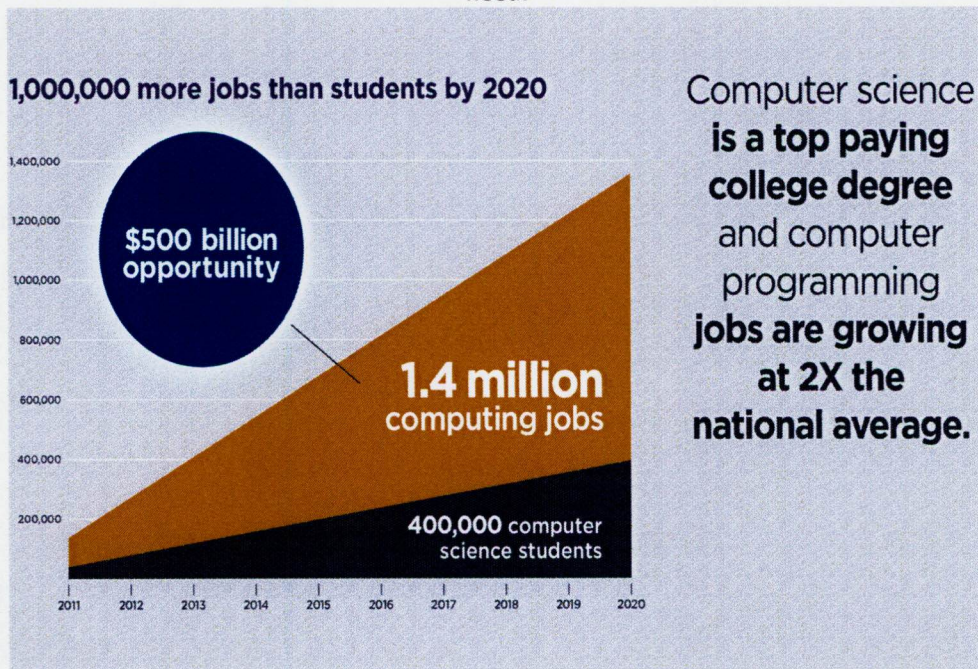


Figure 2: This figure shows that the need for computing professionals is outpacing the rate at which academic institutions are training them. Data sources: Bureau of Labor Statistics and the National Center for Education Statistics (NCES).

The map of Top IT Occupations by Metropolitan Statistical Area (MSA) from CompTIA (see Figure 3) shows that the demands for computing jobs in southeastern Louisiana and the surrounding areas are exceptionally high, especially for Computer Networking and Administration.

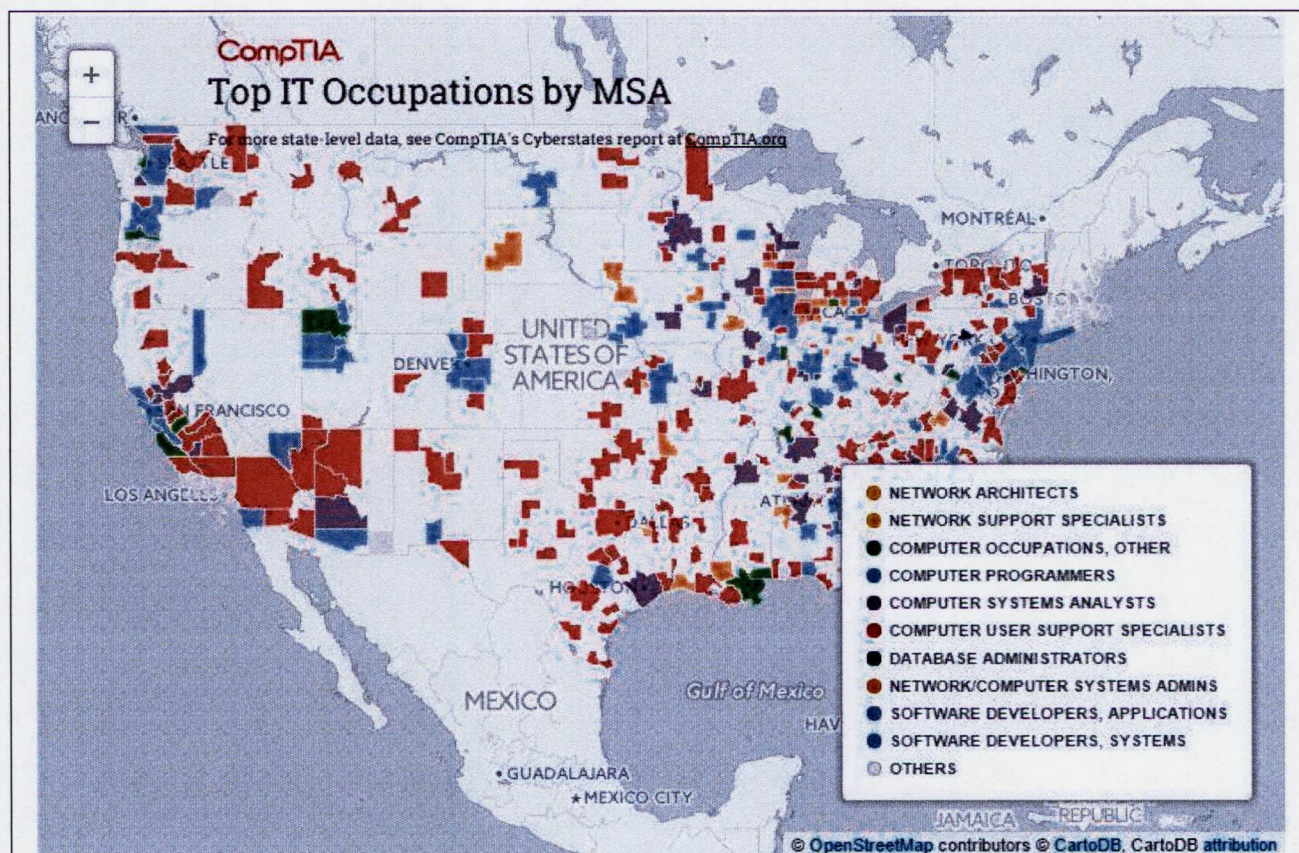


Figure 3: Map of Top IT Occupations by metropolitan area (Source: CompTIA, <https://www.comptia.org/content/tools/mapping-the-it-workforce>)

The latest statistics from BLS further enhance our analysis, that there are both current and evolving needs for graduates with skills in Computer Networking and Administration within the state and the region. Tables 1, 2 and 3 show the data for the state of Louisiana, the New Orleans MSA and Baton Rouge MSA.

Table 1: Computer and Mathematical jobs employment and wage estimation, Louisiana. May 2019. (Source: BLS-OES, https://www.bls.gov/oes/current/oes_la.htm. Visited: August 2020).

Occupation code	Occupation title	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
15-0000	Computer and Mathematical Occupations	major	20,230	2.80%	10.527	0.34	\$30.38	\$33.02	\$68,690	1.40%
15-1211	Computer Systems Analysts	detail	2,180	8.20%	1.132	0.28	\$36.99	\$39.24	\$81,620	2.90%
15-1212	Information Security Analysts	detail	600	8.50%	0.314	0.37	\$34.12	\$36.18	\$75,250	2.60%
15-1221	Computer and Information Research Scientists	detail	100	0.70%	0.05	0.24	\$40.09	\$40.99	\$85,270	1.80%
15-1231	Computer Network Support Specialists	detail	1,280	7.10%	0.667	0.53	\$25.58	\$27.17	\$56,520	2.40%
15-1232	Computer User Support Specialists	detail	3,590	6.30%	1.868	0.42	\$21.92	\$23.16	\$48,170	2.30%
15-1241	Computer Network Architects	detail	450	14.00%	0.234	0.23	\$37.20	\$39.24	\$81,630	5.50%
15-1244	Network and Computer Systems Administrators	detail	2,190	5.80%	1.14	0.47	\$31.73	\$33.47	\$69,620	1.50%
15-1245	Database Administrators and Architects	detail	460	10.60%	0.24	0.28	\$35.78	\$37.28	\$77,540	2.00%
15-1251	Computer Programmers	detail	2,040	10.20%	1.063	0.78	\$33.15	\$38.98	\$81,070	7.40%

15-1256	Software Developers and Software Quality Assurance Analysts and Testers	detail	2,310	8.80%	1.204	0.13	\$39.36	\$40.43	\$84,100	2.00%
15-1257	Web Developers and Digital Interface Designers	detail	490	15.90%	0.256	0.25	\$26.59	\$25.27	\$52,550	6.90%
15-1299	Computer Occupations, All Other	detail	4,140	3.70%	2.155	0.81	\$29.87	\$31.63	\$65,780	2.20%
15-2031	Operations Research Analysts	detail	210	10.90%	0.112	0.16	\$29.74	\$34.87	\$72,540	5.60%
15-2041	Statisticians	detail	70	13.00%	0.038	0.14	\$37.68	\$36.18	\$75,240	3.60%
15-2098	Data Scientists and Mathematical Science Occupations, All Other	detail	80	35.70%	0.044	0.21	\$31.24	\$34.92	\$72,630	6.20%

Table 2: Computer and Mathematical jobs employment and wage estimation, New Orleans MSA. May 2019.
(Source: BLS-OES, https://www.bls.gov/oes/current/oes_35380.htm. Visited: August 2020).

Occupation code	Occupation title	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
15-0000	Computer and Mathematical Occupations	major	7,310	5.70%	13.112	0.42	\$33.98	\$36.24	\$75,370	3.00%
15-1211	Computer Systems Analysts	detail	930	17.10%	1.665	0.42	\$40.12	\$42.95	\$89,330	4.10%
15-1212	Information Security Analysts	detail	300	10.60%	0.543	0.63	\$35.24	\$36.83	\$76,610	4.10%
15-1231	Computer Network Support Specialists	detail	420	11.80%	0.751	0.6	\$29.79	\$32.03	\$66,620	4.10%
15-1232	Computer User Support Specialists	detail	960	15.80%	1.727	0.39	\$21.04	\$23.04	\$47,920	3.00%
15-1241	Computer Network Architects	detail	200	26.70%	0.363	0.35	\$35.35	\$37.38	\$77,750	10.20%
15-1244	Network and Computer Systems Administrators	detail	680	13.10%	1.228	0.51	\$32.11	\$33.09	\$68,840	2.70%
15-1245	Database Administrators and Architects	detail	170	15.20%	0.303	0.35	\$34.49	\$35.85	\$74,570	3.00%
15-1251	Computer Programmers	detail	490	24.70%	0.881	0.65	\$34.70	\$46.89	\$97,530	21.10%
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	detail	860	17.30%	1.547	0.16	\$41.25	\$42.20	\$87,780	2.30%
15-1257	Web Developers and Digital Interface Designers	detail	210	23.30%	0.383	0.38	\$27.96	\$27.56	\$57,320	9.10%
15-1299	Computer Occupations, All Other	detail	1,850	6.40%	3.313	1.24	\$35.51	\$36.28	\$75,460	5.30%
15-2031	Operations Research Analysts	detail	80	18.30%	0.137	0.2	\$43.08	\$44.14	\$91,820	5.70%
15-2041	Statisticians	detail	50	16.80%	0.085	0.32	\$40.90	\$39.56	\$82,280	2.80%

Table 3: Computer and Mathematical jobs employment and wage estimation, Baton Rouge MSA. May 2019.
(Source: BLS-OES, https://www.bls.gov/oes/current/oes_12940.htm. Visited: August 2020).

Occupation code	Occupation title	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
15-0000	Computer and Mathematical Occupations	major	5,760	4.50%	14.587	0.47	\$30.09	\$32.23	\$67,050	2.70%
15-1211	Computer Systems Analysts	detail	610	10.70%	1.546	0.39	\$36.94	\$37.72	\$78,450	5.40%
15-1212	Information Security	detail	110	34.70%	0.278	0.32	\$30.88	\$36.94	\$76,840	6.50%

	Analysts									
15-1231	Computer Network Support Specialists	detail	300	11.70%	0.762	0.6	\$24.69	\$25.07	\$52,150	3.30%
15-1232	Computer User Support Specialists	detail	1,310	8.60%	3.303	0.75	\$21.82	\$23.07	\$47,980	5.90%
15-1241	Computer Network Architects	detail	130	16.00%	0.341	0.33	\$38.52	\$38.12	\$79,290	3.60%
15-1244	Network and Computer Systems Administrators	detail	700	9.90%	1.771	0.73	\$32.58	\$33.99	\$70,690	3.00%
15-1245	Database Administrators and Architects	detail	120	14.40%	0.301	0.35	\$42.41	\$42.14	\$87,660	2.90%
15-1251	Computer Programmers	detail	900	16.00%	2.276	1.68	\$33.70	\$38.05	\$79,150	9.00%
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	detail	630	16.90%	1.595	0.17	\$38.09	\$38.65	\$80,380	4.20%
15-1257	Web Developers and Digital Interface Designers	detail	150	32.40%	0.378	0.37	\$13.95	\$21.00	\$43,680	15.00%
15-1299	Computer Occupations, All Other	detail	710	8.10%	1.801	0.67	\$29.75	\$30.86	\$64,190	5.30%
15-2098	Data Scientists and Mathematical Science Occupations, All Other	detail	Not released	Not released	Not released	Not released	\$31.22	\$35.10	\$73,010	5.20%

It can be seen that the need for Network and System Administrators is a high-demand job. The employment of such specialized positions surpass those of Computer Programmers, and more than double that of Information Security Analysts. This targeted degree program will directly address the current and evolving needs for graduates with skills in Computer Networking and Administration within the state and the region.

As an example of the increased demand for Computing Professional, In 2018 DXC Technology announced a large expansion in New Orleans. DXC's Digital Transformation Center hosts their next-generation technology services that support clients' digital transformations. To date, DXC has hired hundreds of IT and business enterprise professionals, with plans to hire up to 2,000 total workers with an annual payroll exceeding \$133 million by 2025. In addition to the 2,000 new direct jobs, Louisiana Economic Development estimates the project will result in 2,257 new indirect jobs, for a total of more than 4,250 new jobs in the state's Southeast Region. Southeastern has proven to be a strong partner with DXC throughout this expansion.

Envoc is a regional partner with a concrete relationship with the Computer Science department. CGI, a member of the Industry Advisory Board has expanded businesses to the Lafayette area. As recently as 2019, IBM, a globally recognized technology company, had to revise the hiring expectation in order to meet them. Clearly with the success that the State has had in recruiting high-tech companies such as DXC, coupled with the interest from industry partners in the Industry Advisory Board and the demand for professionals in computing related fields, there is every reason to believe that more companies will grow here, thus ensuring a continued demand for graduates from this program.

LOUISIANA WORKFORCE COMMISSION STAR LEVEL (<http://www.laworks.net/Stars/>)

Table 4: Top 10 results for "Computer Networking and Administration" statewide. (Source: Louisiana Workforce Commission, <http://www.laworks.net/Stars/>. Visited: August 2020).

Star Rating	Occupational Title	Best Match or Related	Currently Advertised Jobs	Entry-level Wage	Experienced Wage	Typical Wage
*****	Network and Computer Systems Administrators	Best	80	\$36,098	\$102,959	\$65,094
*****	Computer and Information Systems Managers	Related	16	\$60,094	\$155,076	\$106,375
*****	Computer Network	Related	23	\$37,194	\$131,642	\$80,484

	Architects					
*****	Computer Network Support Specialists	Related	21	\$31,798	\$78,733	\$50,661
*****	Computer Programmers	Related	103	\$40,631	\$102,143	\$67,972
*****	Computer User Support Specialists	Related	115	\$27,819	\$65,224	\$45,249
*****	Database Administrators	Related	22	\$47,460	\$145,444	\$88,396
*****	Information Security Analysts	Related	28	\$45,895	\$116,145	\$76,705
*****	Software Developers, Applications	Related	38	\$44,094	\$117,410	\$76,699
*****	Software Developers, Systems Software	Related	18	\$47,446	\$104,240	\$75,247

Describe how the program will further the mission of the institution.

Southeastern's mission is to lead the educational, economic and cultural development of southeast Louisiana. With around 500 students, enrollment in Computer Science has doubled over the past decade. Southeastern's highly regarded Computer Science and Information Technology undergraduate programs are recognized as one of the state's fastest-growing computing and information technology undergraduate programs. Hence, it is quite relevant to develop a graduate program based upon our successful undergraduate ones. As the third largest public University in the State, it is quite natural for Southeastern to develop programs in response to regional workforce needs.

Our committed, highly qualified and gifted faculty is well positioned to develop talent that will meet the needs of the 21st century economy. Our faculty members have worked tirelessly to prepare our students for the best jobs and are committed to preparing our students to be nationally competitive in both the workforce and graduate studies. We focus on providing students with the skills and experience to prepare them for a career in technology.

Southeastern has invested in enhancing the computer science programs with a newly constructed 70,000 square-foot Computer Science and Technology Building (see photo below), which encompasses modern, high-tech classrooms and specialty labs. Computer Science at Southeastern is poised to expand, and furthermore, the department stands ready as pivotal partners in Louisiana's growing technology sector.

With the previously mentioned public-private partnership with DXC, Southeastern is in the position to play a crucial role in helping to meet workforce demands in the near future for Louisiana, the region, and the nation. We are a pivotal part of the \$25 million higher education initiative to meet workforce demands and expand the number of degrees awarded annually in computer science, management, science and technology, engineering and math, or other STEM-related studies facilitated by Louisiana Economic Development, the State of Louisiana.



Figure 8: Computer Science Technology Building at Southeastern Louisiana University campus

Identify similar programs in the State and explain why the proposed one is needed: present an argument for a new or additional program of this type and how it will be distinct from existing offerings.

Graduate Programs at Other Louisiana Institutions

The proposed program will prepare graduate students for career-oriented jobs in the rapidly growing computer networking and administration industries in the State of Louisiana, and the nation. Since none of the current programs at other Louisiana institutions emphasize Computer Networking and Administration, our proposed program does not duplicate any program in the state. In fact, we believe that the proposed program will complement the other graduate programs at other institutions while allowing us to attract our alumni as well as professionals employed in various computing fields who are seeking career-enhancing training. In the paragraphs below, the programs of the state's various institutions are compared with our proposed program.

Several institutions across the state, offer a master's degree in Computer Science. The principal difference between these programs and this proposed MS in Computer Networking and Administration from Southeastern is that our program emphasizes the practical application of computer science, specifically networking and administration, rather than the theoretical aspects of computer systems and computability. Furthermore, our proposed program will be delivered 100% on-line; none of the other programs has this delivery method. As this program emphasizes both the knowledge and the technical skills needed for the workforce, Southeastern will help to faster prepare graduate students for jobs in the rapidly growing computer networking and administration industries. This MS program will provide a large pool of applicants for the workforce needed not only in our local area, but also regionally, and nationwide. Below is a summary of the relevant programs with links to their websites and commentary about their respective programs.

LSU Shreveport: Master of Science in Computer Systems Technology

(<https://www.lsus.edu/academics/graduate-studies/graduate-programs/master-of-science-in-computer-systems-technology>) To quote their web-site, this is "an interdisciplinary program with a computer science core. Graduate coursework can also include study in mathematics, biology, and business. Current concentrations include computer science, biomedical informatics and business administration." This is substantially different from Southeastern's program, which is focused on the organizational and the technological issues involved in enterprise scale networking including emerging network technologies, network processing, high-performance computing, network programming, and security. Our degree will prepare students for positions such as computer network administrator, network specialist, network design engineers, system software developer, and system administrator.

Louisiana Tech: MS in Computer Science

(<https://coes.latech.edu/graduate-programs/computer-science-ms/>) To quote their website, “The program places a strong emphasis on fundamental theoretical and practical computing foundations, preparing graduates for academic and industrial careers. It aims to produce graduates who can practice computer science in various fields such as software, high-tech, manufacturing, healthcare and service degrees, as well as pursue advanced degrees.”

University of New Orleans: MS in Computer Science

(<https://www.uno.edu/academics/cos/computer-science/computer-science-ms>) This program offers two concentrations, one in cyber security and another in bioinformatics. To quote their website, “The program is designed to be flexible enough to accommodate the needs of two kinds of students: those who have recently completed an undergraduate degree in computer science and want to further their education, and those practicing professionals who want to acquire specific academic experience relevant to their work.” Our program is more specifically directed toward Network Administration, which is one of the most in-demand from a workforce perspective.

Louisiana State University: MS in Computer Science

(<https://www.lsu.edu/eng/cse/academics/graduate/mspages/mspoliciesandreqs.php>) This is a traditional MS in Computer Science that is more theoretically-based than our proposed degree and is very well-suited for students who wish to pursue a Ph.D. Ours has a more specific workforce focus.

Louisiana State University: MS in Electrical Engineering [Information Technology Concentration]

(<https://www.lsu.edu/eng/ece/academics/graduate/areas/it.php>) This specific concentration within the program touches on some of the idea with networking, however, the content of this concentration is not focused on the workforce perspective and instead the electrical engineering or theory side of the discipline.

Louisiana State University Shreveport: MS in Computer Systems Technology

(<https://www.lsus.edu/academics/graduate-studies/graduate-programs/master-of-science-in-computer-systems-technology>) This degree is an interdisciplinary degree that does include a concentration in computer science. However, the description of the computer science concentration includes “software engineering, database systems, network and communications, and Web development”. The proposed degree is highly focused on computer and network systems to fit the needs of a much more specific audience than “the student who already has a Computer Science or Computer Information Systems degree (from LSU or another university) or who has a degree in another field but needs the technical knowledge in computing”.

University of Louisiana at Lafayette: MS in Computer Science

(<https://computing.louisiana.edu/computer-sciences/computer-science/masters>) This program is similar to that at LSU, in that it is a general computer science MS that (to quote their website) “is best for students and professionals who want to broaden and deepen their understanding of computer science and software development.” This is the only other program with an online option.

University of Louisiana at Lafayette: MS in Computer Engineering

(<https://computing.louisiana.edu/computer-sciences/computer-engineering/masters>) This program, to quote their website, “is designed for students and professionals who want to broaden and deepen their understanding of computer architecture, embedded systems, or VLSI design. In our computer engineering master’s degree program, you’ll gain a detailed understanding of hardware and software to create intricate systems.” While there are networking classes available, it is not the focus of the degree and is not offered online.

If approved, will the program result in the termination or phasing out of existing programs? Explain.

Does not apply.

If a Graduate program, cite any pertinent studies or national/state trends indicating need for more graduates in the field. Address possibilities for cooperative programs or collaboration with other institution(s).

The graphs and tables in Section 2 above illustrate a robust job market for IT professionals, as well as the 5-Star rating by Louisiana Workforce Commission. However, perhaps the strongest empirical evidence may be found each spring during SLU’s *Tech Connect* career fair. The annual event attracts well over fifty companies seeking to recruit interns and graduates.

The possibility for collaboration with other institutions does exist. For example, there are long-standing, ongoing professional relationships between faculty members given the proximity of LSU-BR, Southern University, SUNO and UNO. In addition, SLU has an active, collegial and mutually supportive role with the other six higher educational institutions involved in the LED-DXC project. As the program matures, no doubt there will be opportunities to work together to provide professional development and/or specialized educational forums.

3. Students

Describe evidence of student interest. Project the source of students (e.g., from existing programs, or prospects of students being recruited specifically for this program who might not otherwise be attracted to the institution).

The proposed master's program seeks to address the interests of both traditional and non-traditional students in the Department of Computer Science. The program is designed to maximize the acquisition of advanced practical skills and produce well-rounded professionals for the economic development of southeast Louisiana.

The program will target two main streams of potential candidates—alumni of traditional undergraduate programs in Computer Science and professionals with non-computer science degrees who are currently working in computing areas or are seeking a career change.

Southeastern's BS programs in Computer Science and Information Technology, with nearly 500 majors, will be a primary feeder, but the ultimate goal is to establish a degree with regional and national reputation. Unlike traditional MS programs in Computer Science, the emphasis of the proposed MS in Computer Networking and Administration will not be the development of advanced theoretical skills, but on building a deep understanding of the computer network systems, software development processes, operational cyber threat environment, and the needs of the modern IT enterprise.

Traditional Students:

The new program will provide a natural extension of the existing BS in Computer Science and Information Technology programs for students seeking advanced professional placement, and for those seeking a path to a graduate degree in a Computer Science-related field.

The BS programs have experienced strong growth over the last ten years, with enrollment doubling from 222 in Fall 2007 to 462 in Fall 2017. The BS programs yielded 65 alumni in 2017 and is projected to graduate more in the next five years. We expect 15%-20% of the students entering the MS program to be graduates of our undergraduate programs in Computer Science.

Year	Enrollments of BS-CS/IT at Southeastern		
	CS	IT	Total
2020	271	124	395
2019	277	140	417
2018	260	155	415
2017	317	145	462
2016	322	122	444
2015	294	103	397

Non-Traditional Students:

With more than 4,000, who are working professionals in the computing areas, we project that many of our alumni will seek to have an MS degree to advance their career. Also, with a high demand for computing jobs from DXC Technology and other tech companies in southeast Louisiana and the region, our MS program will appeal to professionals with non-computer science degrees who are currently working in computing areas or are seeking a career change. Also, since this program will be delivered 100% on-line, we will have access to students from throughout the country and also provide the opportunity to recruit international students. We model our program after many successful MS programs in Computer Networking at Dakota State University and Wichita State University where they are able to attract up to 800 MS students for the programs in Computer Networking.

In keeping with SLU's historic role, students will be drawn from the Northshore region where many SLU graduates still reside. Also, Tulane University shuttered its two Mississippi satellite campuses - Biloxi and Madison. We believe this creates strong recruiting potential for the master's program, perhaps others as well. This has created a vacuum we believe can be filled along the Mississippi Gulf Coast. Federal agencies and contractors in Mississippi already seek out SLU's computer science students for internships and to hire post-graduation. Examples include the National Weather Service, the Naval Research Laboratory, the Federal Bureau of Investigation, Blue Cross/Blue Shield, and DXC. Given the large number of federal agencies/contractors and the US armed forces, we believe there will be significant interest among non-traditional students seeking to advance their careers. SLU has the geographic advantage to engage and capture this audience of high-end IT consumers since the campus is within very reasonable driving distance of Stennis Space Center and Keesler AFB vis-à-vis attending conferences and professional development workshops. In addition, we know this interest exists due to the growing number of IT professionals – known to work Department of Defense contractors – who participate in SLU's online AWS Cloud Computing online training workshops.

Project enrollment and productivity for the first 5 years, and explain/justify the projections.

Estimated enrollments:

1. *Year 1:* Estimated enrollment of 15 students, assuming an even mix of in-state and out-of-state students. This estimation is based upon the requests from our alumni.
2. *Year 2:* Estimated 30 new students, equal mix of in state and out of state with 20 new students and 15 students in the pipeline.
3. *Year 3:* Estimated 45 students, equal mix of in state and out of state with 25 new students and 20 students in the pipeline.
4. *Year 4:* Estimated 50 students, equal mix of in state and out of state with 25 new students and 25 students in the pipeline.
5. *Year 5:* Estimated 50 students, equal mix of in state and out of state with 25 new students and 25 students in the pipeline, however, if demand merits, we will start another cohort in the Spring.

Enrollment data already points to strong, growing interest in the CS program. It is a natural outgrowth that students completing the BS degree will enter a graduate program in CS soon after graduation or within 5-10 years of their working careers as they seek job advancement. The CS program has taken an increasingly robust approach to recruiting through digital promotion, direct outreach to the business community (e.g., internships and job placement) and sponsoring free training workshops in cloud computing. Additional outreach activities are now in the planning stages. The SLU's CS program has built a reputation for graduates moving into well-paid jobs. We have worked with companies that provide tuition support for their employees to pursue graduate studies (DXC provides up to \$15,000 a year in tuition assistance) and we have developed financial incentives so that pay for non-tuition related fees.

List and describe resources that are available to support student success.

Students have access to library resources provided by the Sims Memorial Library, more details on this are found in Section 5.

(<http://www.southeastern.edu/library/>)

Students at Southeastern have access to a variety of digital resources, such as Google G Suite software that include word processing, presentation, communication (email, video-conferencing, chatrooms) and more. In addition, the students also have subscription access to the Microsoft 365 suite.

(<http://www.southeastern.edu/admin/cc/msoffice/>)

The Computer Science department has a subscription to Microsoft Azure (now Imagine has been changed to azure at <https://azureforeducation.microsoft.com/devtools>) which is a Microsoft Program that supports technical education by providing access to Microsoft software for learning, teaching, and research purposes. Guidance regarding the use of tools and equipment are available on the web site.

(https://www.southeastern.edu/acad_research/depts/comp_sci/facilities/students/index.html)

What preparation will be necessary for students to enter the program?

Students entering the program with a background in Computer Science or Information Technology will not need additional preparation to succeed in the program. However, students entering the program without a background in those programs will be required to take some foundational coursework that includes: Principles of Cyber Security, System Administration, Computer Networking and Security, and Advanced Computer Networking. It should be noted that we are in the process of creating a Certificate Program that includes these courses.

If a Graduate program, indicate & discuss sources of financial support for students in the program.

Traditional graduate students may apply for the various existing financial aid programs, scholarships, teaching assistantships and applicable waivers. Recruiting for this program will focus in part on non-traditional students. These students will be able to take advantage of their employers' employee benefits/educational support to pay full or part of the tuition. The College's leadership is currently working on securing new sources of funds for scholarships directly tied to computer science undergraduate and graduate programs. A similar scholarship program is already being used to recruit and retain students in the MS in Integrated Science and Technology program by reimbursing students for the costs of non-tuition fees. Typically, employer-supported tuition ranges between 50 – 100%. Southeastern has recently adopted a flat fee pricing for 100% on-line degree programs which charges the same fee of \$475/credit hour for all students, whether they are in-State or out-of-State. This will make this program, at only \$4275 a semester, one of the most reasonably priced degree programs for an MS degree in the country.

4. Faculty

List present faculty members who will be most directly involved in the proposed program: name, present rank; relevant degree; courses taught; other assignments.

Bonnie Achee, Ph.D.

Instructor of Computer Science

Expertise: Computer Science Education, Social Media, Data Mining, and Digital Humanities

Courses taught: CMPS 120 (Visual Programming), CMPS 161 (Algorithm Design I), CMPS 280 (Algorithm Design II), CMPS 293 (Assembly Language), CMPS 479 (Automata and Formal Languages)

Other Assignments: Undergraduate Coordinator, Lion's Code Coordinator

Ghassan Alkadi, Ph.D.

Professor of Computer Science

Expertise: Introduction to Programming, Applications of Computing in Science and Technology, Software Engineering, and Information Systems

Courses taught: CMPS 120 (Visual Programming), CMPS 161 (Algorithm Design I), CMPS 285 (Software Engineering), CMPS 383 (information Systems), CMPS 411 (Capstone I), CMPS 420 (Human Computer Interaction), CMPS 431 (Operating Systems), CMPS 482 (Current Trends in Computer Science), ISAT 615 (Technology in Industry and Society), ISAT 625 (Applications of Computing in Science and Technology)

John Burris, Ph.D.

Associate Professor of Computer Science and Department Head

Expertise: Ethics, Networking, Theory of Computing, Software Engineering, Programming Languages, and Cyber Security

Courses taught: CMPS 161 (Algorithm Design I), CMPS 257 (Discrete Structures), CMPS 280 (Algorithm Design II), CMPS 390 (Data Structures), CMPS 409 (Advanced Computer Networking), CMPS 415 (Integrated Technologies for Enterprise Systems), CMPS 420 (Human Computer Interaction), CMPS 431 (Operating Systems), CMPS 434/534 (Fundamental Algorithms), CMPS 470/570 (Machine Learning), CMPS 479 (Automata and Formal Languages), CMPS 482 (Current Trends in Computer Science), CMPS 494/594 (Special Topics in Information Technology), CMPS 495 (Special Problems)

Other Assignments: Department Head

Cris Koutsourgeras, Ph.D.

Professor of Computer Science and Engineering Technology and Bellsouth Endowed Professorship

Expertise: Technologies and Programming for the Web, Neural Networks, Microprocessors and Interfacing, Automata Theory, Engineering Technology, and Energy Airfoils

Courses taught: CMPS 120 (Visual Programming), CMPS 294 (Internet Programming), CMPS 297 (Digital Logic), CMPS 321 (Embedded Computing with Microcontroller and IOT based Systems), CMPS 390 (Data Structures), CMPS 391 (Numerical Methods), CMPS 394 (Web Systems and Technologies), CMPS 400 (Internship), CMPS 401 (Survey of Programming Languages), CMPS 412 (Capstone II), CMPS 415 (Integrated Technologies for Enterprise Systems), CMPS 460 (Design and Implementation of Neural Networks), CMPS 479 (Automata and Formal Languages), CMPS 482 (Current Trends in Computer Science), CMPS 491 (Special Topics), CMPS 495/595 (Special Problems), CMPS 691 (Advanced Special Topics), ET 202 (Computer Applications), ET 215 (Digital Computer Logic), ET 320 (Microprocessors and Interfacing), ET 357 (Auto Identification and Data Capture), ET 493 (Senior Design I), ET 494 (Senior Design II), ISAT 625 (Applications of Computing in Science and Technology)

Patrick McDowell, Ph.D.

Professor of Computer Science

Expertise: Data Analytics, Operating Systems, Computer Graphics, AI, Robotics. and Game Programming

Courses taught: CMPS 389 (Computer Graphics), CMPS 431 (Operating Systems), CMPS 441 (Artificial Intelligence), CMPS 447/591 (Introduction to Robotics), CMPS 455/555 (Computational Aspects of Game Programming), CMPS 470/570 (Machine Learning)

Paulo Alexandre Regis, Ph.D.

Assistant Professor of Computer Science

Expertise: Internet of Things, Mobile Ad Hoc Networks, Heterogeneous Networks, Cybersecurity

Courses taught: CMPS 161 (Algorithm Design I), CMPS 209 (Introduction to Applied Networking), CMPS 280 (Algorithm Design II), CMPS 409 (Advanced Computer Networking), CMPS 479 (Automata and Formal Languages), CMPS 494/594 (Special Topics in Information Technology)

Kazim Sekeroglu, Ph.D.

Assistant Professor of Computer Science

Expertise: Deep Learning, Computer Vision, Image Processing, Computer Aided Detection and Diagnostics, and Biomedical Informatics

Courses taught: CMPS 209 (Introduction to Applied Networking), CMPS 257 (Discrete Structures), CMPS 439/539 (Database Systems), CMPS 441 (Artificial Intelligence), CMPS 473/573 (Introduction to Computer Vision), CMPS 482 (Current Trends in Computer Science), CMPS 593 (Special Topics in Computer Science Theory), CMPS 494/594 (Special Topics in Information Technology), CMPS 595 (Special Problems), CMPS 691 (Advanced Special Topics)

Omer M. Soysal, Ph.D.

Assistant Professor of Computer Science

Expertise: Computer Vision, Machine Learning, Data Mining, Pattern Recognition, Geographic Information Systems, Brain Activity Recognition, Computer Aided Tumor Detection, and Traffic Data Analysis

Courses taught: CMPS 257 (Discrete Structures), CMPS 280 (Algorithm Design II), CMPS 339 (Database Administration), CMPS 340 (Introduction to Data Science), CMPS 439/539 (Database Systems), CMPS 470/570 (Machine Learning), CMPS 493/593 (Special Topics in Computer Science Theory), CMPS 691 (Advanced Special Topics), ISAT 625 (Applications of Computing in Science and Technology)

Quoc-Nam Tran, Ph.D.

Professor of Computer Science

Expertise: Networking, Theory of Computing and Algorithms

Courses taught: CMPS 120 (Visual Programming), CMPS 280 (Algorithm Design II), CMPS 400 (Internship), CMPS 434/534 (Fundamental Algorithms)

Kuo-Pao Yang, Ph.D.

Professor of Computer Science

Expertise: Computer Architecture, Programming Languages, Data Structures, and Operating Systems

Courses taught: CMPS 161 (Algorithm Design I), CMPS 280 (Algorithm Design II), CMPS 290 (Computer Organization), CMPS 293 (Introduction to Assembly Language), CMPS 375 (Computer Architecture), CMPS 390 (Data Structures),

CMPS 401 (Survey of Programming Languages), CMPS 431 (Operating Systems), CMPS 481 (Seminar), CMPS 595 (Special Problems)

Project the number of new faculty members needed to initiate the program for each of the first five years. If it will be absorbed in whole or part by current faculty, explain how this will be done. Explain any special needs.

The initial load will be absorbed by the current faculty members. The program is projected to add one tenure-track faculty member as it grows in order to accommodate the increased frequency of graduate course offerings. We estimate the additional load will be between three and four courses per semester.

The hiring process is projected to take place during the second year of the MS program, as the first degrees are awarded. The new faculty will be required to have academic experience in computer and network administration or a closely related area.

Based on recent hiring experience, the annual cost of hiring a new tenure-track Assistant Professor is estimated at \$78,000 (\$110,760 including benefits). The first two years of this faculty member's salary will be paid by a grant from Louisiana Economic Development. If we meet our anticipated growth targets, we will request a second tenure-track faculty member or full-time instructor for the third or fourth year at an additional cost of \$78,000 (\$110,760 including benefits) with half of their duties dedicated to this MS program.

Describe involvement of faculty – present and projected – in research, extension, and other activities and the relationship of these activities to teaching load. For proposed new faculty, describe qualifications and/or strengths needed.

The faculty for the Department of Computer Science have the background necessary to implement and sustain the proposed degree. All faculty are required to maintain an active research agenda and some faculty, such as Dr. Paulo Regis, and Dr. Quoc-Nam Tran, are active in research fields that are directly related to the content of the proposed degree. Other faculty, such as Dr. Patrick McDowell, Dr. Kuo-Pao Yang, and Dr. John Burris, are active researchers in fields that support the proposed degree. These research activities will maintain the relevance of the curriculum of the program by encouraging the integration of state-of-the-industry topics.

The new faculty member included in this proposal will have the required qualification of a background in computer and network administration as well as some knowledge of additional cybersecurity topics. He or she will be expected to develop an active research program that involves our undergraduate and graduate students.

5. Library and Other Special Resources

To initiate the program and maintain the program in the first five years what library holdings or resources will be necessary? How do journal, database, monograph, datasets, and other audiovisual materials compare to peer institutions' holdings with similar/related programs?

Sims Library utilizes a variety of technologies to deliver services and resources to the students and faculty of Southeastern. Through membership in LOUIS, a state-wide consortium of academic libraries, the Library's online catalogue, electronic indexes, full-text databases, and an electronic reserves system are made available on the 100 plus computers available throughout the building. In addition, most electronic indexes and full-text databases are available from off-campus sites. A computer lab, funded by the Student Technology Fee, provides access to a variety of application software packages. Internet access is available throughout the Library. A lab/classroom is utilized to allow hands-on experience for students enrolled in the Library's credit course teaching information literacy skills. Many of the Library's operations are handled through a statewide automated library system, SIRSI Unicorn, operated by the LOUIS office at Louisiana State University. Interlibrary Loan transactions are facilitated through use of the OCLC Interlibrary Loan electronic system and Ariel software for timely delivery of articles. The Library's webpage provides links to resources and services, with online forms available for a variety of service requests.

Adequacy of Resources

In the past four years, the University has funded \$381,272 in library acquisitions for computer science. This includes funding for serials, databases and books. At present, the Library is in the process of purchasing the ebook version of the Encyclopedia of Information Science and Technology (\$2,847.50) from IGI Global.

Library Resources

Sims Library is a member of LOUIS, the Louisiana Library Network, a dynamic library consortium of academic, state, and private libraries. LOUIS provides an integrated library system, a digital library, interlibrary loan, electronic scholarly resources, and operations support. Sims Library's online catalogue is provided through LOUIS, and current Southeastern students, faculty and staff have access, both on-campus and off. The approximately 170 public computers (virtual machines) in the Reference, Serials, and Media departments provide access to 173 databases.

Adequacy of resources is determined by a number of factors, including departmental and student satisfaction, as measured by surveys, anecdotal evidence, and budgetary amounts of support; Association of College and Resource Libraries standards; and the Library's Liaison Program, which matches a librarian with an academic department to ensure that orders are solicited from that department and updates and changes to Library resources are reported. This interaction between the Library and the Department aids the Library in its mission to "provide materials, services and instruction that support the University community and to promote information literacy and lifelong learning within the region".

Library Staffing

Sims Memorial Library has a current employee force of **30 positions (as of August 1, 2020.)** Of this total, **16 are professional (library faculty) positions.**

The current level of staffing is adequate to successfully operate the Library and serve the University community. Assessments of staffing and workflow are continual. The Head of Acquisitions serves as the Library Liaison to computer science.

Library Technical Collection

The primary role of the Library is to support the instructional, research, creative and service endeavors of the faculty, students and staff of the University. The state budget has been in flux for the past 14 years, and as a result all higher educational institutions in Louisiana have been affected. However, despite budget fluctuations, the databases have remained constant, and the past four years have seen appropriate amounts of money spent on computer science materials.

Library expenditures for computer science since 2016/17 are as follows:

	Acquisitions	Subscriptions	Databases	Total
2019-2020	\$1,470.12	\$1,678.08	\$102,691.93	\$105,840.13
2018-2019	\$1,059.62	\$1,519.27	\$ 99,362.23	\$101,941.12
2017-2018	\$4,453.01	\$1,481.85	\$ 99,082.51	\$105,017.37
2016-2017	\$1,167.20	\$1,475.13	\$ 94,238.30	\$ 96,880.63
Totals	\$8,149.95	\$6,154.33	\$395,374.97	\$409,589.25

Library Electronic Access

Sims Memorial Library's online catalogue provides students, faculty and staff with access, both on-campus and off, to the Library's holdings. Additionally, through both the Library's subscriptions and LOUIS membership, access to 173 general and subject-specific periodical index/abstract/full-text databases is available. The catalogue and the databases are accessible through the Library's website, www.selu.edu/library.

In the Library, 170 public computers are available to access holdings and all of the current electronic resources. Computers are found in Reference, Serials, and the Media departments. Chromebooks are available for check-out as well, and the entire Library is equipped with a wireless network.

The range of indexes, abstracts, and full-text databases available through the Library and LOUIS is outstanding. Databases specific to Computer Science include the ACM Digital Library, Computer Science Index, IEEE/IET Electronic Library, Computer Source, Applied Science & Technology Full-text, Information Science & Technology Abstracts and

Web of Science. The more general Academic Search Complete also contains information relevant to the subject, in addition to EBSCO EBooks, Ebook Central, and Films on Demand.

The Library provides full-text access to IEEE and IET transactions, journals, magazines, and conference proceedings published since 1988 plus select content back to 1950, and all current IEEE Standards. The Electronic Library uses the Xplore search tool.) The IEEE representative also had a table in the Library lobby following the program for quick IEEE Xplore demonstrations. Faculty and students were invited to the Information table.

Instruction in the use and location of library materials is provided by the reference librarians and serials staff. Reference questions can be handled in person or via telephone, texting, or a 24/7 online chat service. Through the Library's Research Consultation Service, individuals may make an appointment for a one-on-one, uninterrupted research session with a reference librarian. Faculty may bring classes to the Library for a one-session bibliographic instruction, based on the instructor's needs for the class.

Items may be placed on e-reserve for distance learning students, and book and document delivery services are available as well for all faculty and staff. For all students and faculty, access is provided electronically to the ebook collection, online journals, databases and indexes, and faculty reserves. Interlibrary loan items are requested online for all users, on campus or remote, through the Library's web pages.

The Library currently has a collection of 465,915 ebooks, including 13,979 titles on computers.

LSU Shreveport

The Noel Memorial Library (<http://www.lsus.edu/offices-and-services/noel-memorial-library/find-articles-and-databases>) does not list ACM Digital Library nor IEEEExplore as available resources to students.

Louisiana Tech

Prescott Memorial Library (<https://www.latech.edu/library/research-resources/databases-a-z-list/>) does not list ACM Digital Library, but does offer access to the IEEEExplore.

University of New Orleans

Earl K. Long Library (<http://libguides.uno.edu/databases>) provides access to both ACM Digital Library and IEEEExplore.

Louisiana State University

LSU Libraries (<https://www.lib.lsu.edu/>) provides access to both ACM Digital Library and IEEEExplore.

University of Louisiana at Lafayette

Edith Garland Dupré Library (<https://library.louisiana.edu/research/find-articles-databases>) provides access to both ACM Digital Library and IEEEExplore.

What additional resources will be needed?

Since the program is intended to be delivered 100% on-line, we will continue to use on-line hands-on lab service providers Cisco and Infosec to provide a component of and supplement for our program. These leading providers of supplemental material will be able to provide services immediately with no additional cost for the program. We have been using virtual hands-on lab services for undergraduate courses related to information security and networking. The additional labs provide sufficient experiential learning opportunities to students and facilitate assessment and remote assistance from instructors. Our most recent assessment results (2019) show that the virtual hands-on labs satisfy requirements from ABET accreditation agency. In addition, these resources are commonly used at National Security Agency Centers of Academic Excellence in Cyber Operations.

Are there any open educational resources (OER), including open textbooks, available to use as required course materials for this program? If so, which courses could these materials support, and what is the anticipated savings to students?

The Department does not emphasize the use of open educational resources (OER). Rather, the Department provides the best software for students, whether onsite or remote. For example, students log on to desktop.southeastern.edu to access a virtual machine that has all of the required software installed. There are no additional costs for students that are not mitigated by our textbook rental program.

6. Facilities and Equipment

Describe *existing* facilities (classrooms, labs, offices, etc.) available for the program and their present utilization.

The program will be delivered 100% on-line. Existing physical and cyber resources will support the program.

Describe the need for new facilities (e.g., special buildings, labs, remodeling, construction, equipment), and estimate the cost, proposed sources of funding, and estimated availability for program delivery.

No new facilities or equipment are needed.

7. Administration

In what administrative entity (department/school/college) will the proposed program be housed? How will the new program affect the present administrative structure of the institution?

The program will be administered by the Department of Computer Science, within the College of Science and Technology. No administrative structural changes are needed.

Describe departmental strengths and/or weaknesses and how the proposed program will affect them.

The Department of Computer Science at Southeastern Louisiana University is a competitive program in the state with diverse faculty, multiple disciplines, proven scholarship, student focus, and an industry-connected mindset. The proposed online master's program is a clear demonstration of faculty support and a real-world understanding of the changes taking place in the design and delivery of academic programs in computer science. Academic online degree programs -- traditional nonprofit and for profit -- continue to proliferate. The Department must compete in this environment to maintain currency with peer institutions, prospective students and the information technology industry. In the wake of the COVID-19 pandemic, all current faculty members have been certified by Southeastern's Center for Faculty Excellence in Teaching Online at Southeastern. All current faculty members have been involved in online coursework and curriculum design which are identical to the requirements of the proposed program.

The Department has a great reputation with students and the regional business community. The proposed program will help facilitate its mission to lead the educational, economic and cultural development of southeast Louisiana. This program is a direct, timely response to regional workforce needs and has the full endorsement of the Department's Industry Advisory Council. It should be noted that when the proposed degree was presented to the IAC, prospective students and companies immediately began making inquiries on when the program would begin accepting students.

Additional strengths include:

- Offers concentrations with an emphasis on scientific, applied and business
- Data Science undergraduate concentration added Fall 2020
- MS in Integrated Science and Technology with computer science and data science Disciplines of Study
- Opportunities to connect with faculty for undergraduate and graduate research

8. Accreditation

Describe a plan for achieving *program* accreditation, including: name of accrediting agency, basic requirements for accreditation, how the criteria will be achieved, and projected accreditation date.

Southeastern Louisiana University proposes the establishment of a Master of Science in Computer Networking and Administration. Accredited by ABET since 1999, our Computer Science programs are committed to preparing students to be nationally competitive both in the workforce and in graduate studies. We are producing computer science graduates who are highly sought-after in the state, region, and around the nation. Southeastern Louisiana University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters and doctoral degrees. Southeastern is a Level V institution. With these credentials, there are no plans to seek accreditation for the M.S. in Computer and Network Administration within the first 5 years.

If a graduate program, describe the use of consultants in developing the proposal, and include a copy of the consultant's report as an appendix.

Does not apply.

9. Related Fields

Indicate subject matter fields at the institution which are related to, or will support, the proposed program; describe the relationship.

The Bachelor of Science degree in Computer Science or Information Technology are the natural undergraduate programs envisioned to feed students into the proposed MS program. However, there are other graduate level programs that have the potential for collaboration with the proposed, namely the MS in Integrated Science and Technology (ISAT) and the MBA programs.

The ISAT program serves as an umbrella with Disciplines of Study in different programs such as Mathematics, Physics, Industrial Technology and Computer Science. For the Computer Science program, its curriculum is targeted to computer science, data science and applied machine learning. This program is managed by both the ISAT and Computer Science department, thus faculty involved in this program will likely be involved in the development of the proposed MS in Computer Networking and Administration program. Both programs will be in a privileged position to support each other both in terms of logistics and curriculum. Although it is a face-to-face curriculum, there are possible collaboration curriculum developments that can support students from both programs. As new technologies arise, the surface of collaboration is expected to grow as well. An example being the Internet of Things and smart devices, which involve both subjects.

Another related program is the Masters of Business Administration, offered by the College of Business. Students from each program are foreseen to be eligible for interdisciplinary and/or elective courses given the math and scientific backgrounds required.

10. Cost & Revenue

Summarize additional costs to offer the program, e.g., additional funds for research needed to support the program; additional faculty, administrative support, and/or travel; student support. How will the program affect the allocation of departmental funds?

For the first year, we will have adequate faculty to teach all of the new classes, so there will be no impact on faculty. There will need to be administrative support to handle admissions, and this will be handled by the grant from Louisiana Economic Development to support DXC.

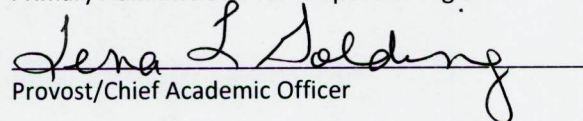
*On the separate budget form, estimate new costs and revenues for the projected program for the first four years, indicating need for additional appropriations or investment by the institution.

Outside of revenue from tuition & fees, explain and justify any additional anticipated sources of funds, e.g., grants (in hand, promised, or in competition), institutional funds, etc.

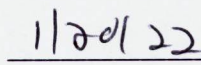
Additional support for the program will be provided by the previously mentioned grant from Louisiana Economic Development.

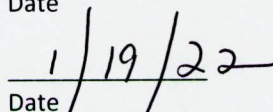
CERTIFICATIONS:

Primary Administrator for Proposed Program


Provost/Chief Academic Officer

Management Board/System Office


Date


Date

Date

SUMMARY OF ESTIMATED ADDITIONAL COSTS/INCOME FOR PROPOSED PROGRAM

Institution: Southeastern Louisiana University

Date: Jan. 19, 2022

Degree Program, Unit: Master of Science, Computer Networking and Administration

FTE = Full Time Equivalent (use the institution's standard definition and provide that definition).

EXPENDITURES								
INDICATE ACADEMIC YEAR:	FIRST		SECOND		THIRD		FOURTH	
	AMOUNT	FTE	Amount	FTE	AMOUNT	FTE	AMOUNT	FTE
Faculty	\$		\$110,760	1	\$166,140	1.5	\$166,140	1.5
Graduate Assistants								
Support Personnel								
Fellowships and Scholarships								
SUB-TOTAL	\$		\$110,760	1	\$166,140	1.5	\$166,140	1.5
	AMOUNT		AMOUNT		AMOUNT		AMOUNT	
Facilities	\$		\$		\$		\$	
Equipment/Library Resources								
Travel								
Supplies								
SUB-TOTAL	\$		\$		\$		\$	
TOTAL EXPENSES	\$		\$110,760		166,140		\$166,140	
REVENUES								
Revenue Anticipated From:	AMOUNT		AMOUNT		AMOUNT		AMOUNT	
*State Appropriations	\$		\$		\$		\$	
*Federal Grants/Contracts								
*State Grants/Contracts			110,760		166,140			
*Private Grants/Contracts								
Expected Enrollment	15		30		45		50	
Tuition	\$177,000		\$302,375		\$383,500		\$405,625	
Fees								
*Other (specify)								
TOTAL REVENUES	\$177,000		\$413,135		\$549,640		\$405,625	

** Describe/explain expected sources of funds in proposal text.*

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

- Item F.3.** **University of Louisiana at Lafayette's** request for approval to award an Honorary Doctor of Nursing to Mrs. Ginger M. Myers at the 2022 Spring Commencement Exercises.

EXECUTIVE SUMMARY

The University of Louisiana at Lafayette (UL Lafayette) requests approval to award an Honorary Doctor of Nursing to Mrs. Ginger M. Myers. Mrs. Myers has a long history of public and community service and philanthropic contributions that have benefitted the citizens of the Acadiana region.

For more than two decades, Mrs. Myers worked in St. Landry Parish in a variety of nursing and administrative roles. Outside of the nursing profession, her sustained record of public and community engagement includes service as chairman of the board for the Opelousas Women's Club, committee member for the St. Landry/Evangeline American Heart Association Heart Gala, and member of the executive committee for Go Run Red for Women (a major fundraiser sponsored annually by the American Heart Association). Mrs. Myers received the St. Landry Chamber of Commerce Businesswoman of the Year Award in 2002. A member of the Acadiana Business Hall of Fame, she currently serves as honorary chairwoman of the Women's Leadership Council of the St. Landry/Evangeline Parish United Way.

Mrs. Myers is the co-founder, with her husband Keith, and "First Nurse" of LHC Group, Inc. The company is a national provider of in-home healthcare services and innovations for communities around the nation, offering quality, value-based healthcare to patients primarily within the comfort and privacy of their home or place of residence. LHC Group's 30,000 employees deliver home health, hospice, home and community-based services, and facility-based care in 35 states and the District of Columbia – reaching 60 percent of the U.S. population aged 65 and older. The company offers a comprehensive clinical knowledge base that spans over two decades of experience and multiple specialties within the healthcare space. The specialties include Primary Care, in-home nursing care, in-home respite, palliative, and hospice care, as well as physical, occupation, and speech therapy disciplines. Additionally, LHC Group operates 13 long-term acute care hospitals based within host short-term acute care (STAC) hospital campuses that offer clinical collaboration and navigation throughout the entire continuum of care.

In 2021, LHC Group invested an historic and transformational level \$20M in the College of Nursing and Allied Health Professions at UL Lafayette, the largest donation ever received by an academic program in the 123-year history of the University. This investment resulted in the

establishment of multiple new endowments including the University's first endowed deanship, a research and faculty development endowment, an endowment to support the nursing simulation lab program, endowed student scholarships, and four new endowed professorships to benefit nursing and allied health faculty. The donation also includes non-endowed funds to provide scholarship support for graduate students, a faculty addition support fund, and the lead gift to support capital enhancements for nursing and health sciences.

Mrs. Ginger M. Myers, the Myers family, and LHC Group have set a new standard for philanthropic engagement and support of the College and University which is likely to stand for decades into the future. Considering this historic commitment, and to honor her many notable contributions to public service and the discipline of nursing, the University of Louisiana at Lafayette would like to recognize with Mrs. Myers by bestowing her with an Honorary Doctor of Nursing degree to be awarded at the Spring 2022 Commencement Exercises.

RECOMMENDATION

It is recommended that the following resolution be adopted:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors for the University of Louisiana System hereby approves the University of Louisiana at Lafayette's request for approval to award an Honorary Doctor of Nursing to Mrs. Ginger M. Myers at the 2022 Spring Commencement Exercises.



January 27, 2022

Dr. James B. Henderson
President
University of Louisiana System
1201 North Third Street, Suite 7-300
Baton Rouge, LA 70802

Dear Dr. Henderson:

I am requesting approval to award an Honorary Doctor of Nursing Practice (DNP) degree to Mrs. Ginger M. Myers at the University of Louisiana at Lafayette's spring commencement ceremonies to be held in May 2022. A document related to this recommendation is attached.

Please place this item on the agenda for consideration at the February 2022 meeting of the Board of Supervisors.

Sincerely,

A handwritten signature in blue ink, appearing to read "E. Joseph Savoie".

E. Joseph Savoie
President

svc

Attachment



UNIVERSITY of
LOUISIANA
L A F A Y E T T E

RECEIVED

DEC 02 2021

Office of the President

College of Nursing and
Allied Health Professions
Office of the Dean

P.O. Box 43604 • Lafayette, LA 70504-3604

Office: (337) 482-6808

Fax: (337) 482-5649

Université des Acadiens

November 15, 2021

Dr. Jaimie Hebert
Provost and VPAA
UL Lafayette

Dear Dr. Hebert,

Recommendation Approval
Jaimie Hebert
12-2-2021

I would like to nominate Mrs. Ginger M. Myers be awarded an honorary Doctor of Nursing Practice (DNP) degree during the Spring 2022 commencement ceremony. Mrs. Myers has a long history of public and community service and philanthropic contributions benefiting the citizens of the Acadiana region.

For more than two decades, Ginger Myers worked in St. Landry Parish in a variety of nursing and administrative roles. During these years, she was employed as a nursing supervisor for the LaHaye Eye Center and was active in opening the first outpatient ophthalmic surgery center in the parish. She also worked for Doctor's Hospital and was active in coordinating one of the first rural health clinics in the state, located in Melville, Louisiana.

Outside of the nursing profession, Mrs. Myers's sustained record of public and community engagement includes service as chairman of the board for the Opelousas Women's Club, committee member for the St. Landry/Evangeline American Heart Association Heart Gala, and member of the executive committee for Go Red for Women, a major fundraiser sponsored annually by the American Heart Association. Ginger received the St. Landry Chamber of Commerce Businesswoman of the Year Award in 2002. A member of the Acadiana Business Hall of Fame, Mrs. Myers currently serves as honorary chairwoman of the Women's Leadership Council of the St. Landry/Evangeline Parish United Way.

Mrs. Myers is the co-founder, with her husband Keith, and "First Nurse" of LHC Group, Inc. LHC Group is a national provider of in-home healthcare services and innovations for communities around the nation, offering quality, value-based healthcare to patients primarily within the comfort and privacy of their home or place of residence. The company's 30,000 employees deliver home health, hospice, home and community-based services, and facility-based care in 35 states and the District of Columbia – reaching 60 percent of the U.S. population aged 65 and older. Through Imperium Health, the company's Accountable Care Organization management and enablement company, LHC Group helps partners improve both savings and patient outcomes with a value-based approach. As the preferred joint venture partner for more than 400 leading U.S. hospitals and health systems, LHC Group works in cooperation with providers to customize each partnership and reach more patients and families with an effective and efficient model of care. LHC Group has Home Office locations in Lafayette, Louisiana and Louisville, Kentucky.

LHC Group offers a comprehensive clinical knowledge base that spans over two decades of experience and multiple specialties within the healthcare space. These specialties include Primary Care, in-home nursing care, in-home respite, palliative, and hospice care, as well as physical, occupation, and speech therapy disciplines. Additionally, LHC Group operates 13 long-term acute care hospitals based within host short-term acute care (STAC) hospital campuses which offer unparalleled clinical collaboration and

APPROVED:

[Signature]
E. JOSEPH SAVOIE, President
A Member of the University of Louisiana System



**College of Nursing and
Allied Health Professions
Office of the Dean**

P.O. Box 43604 • Lafayette, LA 70504-3604

Office: (337) 482-6808

Fax: (337) 482-5649

Université des Acadiens

navigation throughout the entire continuum of care. Aside from the significant clinical expertise LHC Group also provides distinct community-based collaboration through a network of medical directors located throughout 35 states and the District of Columbia.

In 2021, LHC Group invested an historic and transformational level \$20 million in the College of Nursing and Allied Health Professions at UL Lafayette, the largest donation ever received by an academic program in the 123-year history of the university. This investment resulted in the establishment of multiple new endowments including the university's first endowed deanship, a research and faculty development endowment, an endowment to support the nursing simulation lab program, endowed student scholarships, and four new endowed professorships to benefit nursing and allied health faculty. The donation also includes non-endowed funds to provide scholarship support for graduate students, a faculty addition support fund, and the lead gift to support capital enhancements for nursing and health sciences.

Mrs. Ginger M. Myers, the Myers family, and LHC Group has set a new standard for philanthropic engagement and support of the college and the university which is likely to stand for decades into the future. Considering this historic commitment, and to honor Mrs. Myers's many notable contributions to public service and the discipline of nursing, I propose that the University honor Ginger Morain Myers with the Doctor of Nursing Practice degree at its Spring 2022 commencement.

Sincerely,

Melinda G. Oberleitner, DNS, RN, FAAN
Dean
College of Nursing and Allied Health Professions
Professor
Department of Nursing
SLEMCO/BORSF Endowed Professor in Nursing

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

Item F.4. **University of New Orleans'** request for approval to award an Honorary Doctor of Humane Letters to Mr. James J. Carter at the 2022 Spring Commencement Exercises.

EXECUTIVE SUMMARY

The University of New Orleans (UNO) requests approval to award an Honorary Doctor of Humane Letters to Mr. James J. Carter for his exemplary service to the City of New Orleans and to the greater New Orleans community as an advocate for criminal justice reform. As a distinguished lawyer, statesman, author, and educator, Mr. Carter has advanced the cause of justice in numerous ways.

As an attorney, Mr. Carter has been involved in many high-profile cases for the cause of justice, securing civil settlements in amounts of \$1M to \$70M. For his work as a trial lawyer, he has been listed in several Top 100 lists, including African American Lawyers in America. He received a prized certification in Mass Tort Multi-District Litigation from the Bolch Judicial Institute at Duke University School of Law.

As an educator, Mr. Carter has taught civil law at both Howard University, his alma mater, and Tulane University. Grambling State University has already awarded him an honorary degree for his work as a lawyer and educator. Mr. Carter has also authored several articles and books related to the causes that he champions.

After Hurricane Katrina, Mr. Carter set his sights on helping to rebuild his city and was elected to the City Council, only the second African American councilman in District C. He helped to establish a number of initiatives aimed at helping those in need, including the Mardi Gras Indians and those who have suffered under misconduct and brutality. Mr. Carter helped to establish the Vera Initiative, CeaseFire, and Court Watch NOLA.

Mr. James Carter demonstrates the immense character in the way that he has advocated and worked for those in need. His work in criminal justice reform closely aligns with the mission of the University of New Orleans, who has recently begun a Ph.D. in Justice Studies. To recognize such accomplishments, the University of New Orleans would like to bestow an Honorary Doctor of Humane Letters on Mr. Carter at the 2022 Spring Commencement Exercises.

RECOMMENDATION

It is recommended that the following resolution be adopted:

***NOW, THEREFORE, BE IT RESOLVED,** that the Board of Supervisors for the University of Louisiana System hereby approves the University of New Orleans' request for approval to award an Honorary Doctor of Humane Letters to Mr. James J. Carter at the 2022 Spring Commencement Exercises.*



THE UNIVERSITY *of*
NEW ORLEANS

OFFICE OF THE PRESIDENT

F.4.

February 8, 2022

Dr. Jim Henderson
President
The University of Louisiana System
1201 North Third Street
Baton Rouge, LA 70802

Dear Dr. Henderson,

On behalf of the University of New Orleans, I am requesting approval to award an Honorary Doctorate of Humane Letters during the University's spring commencement on Saturday, May 21, 2022 to James J. Carter.

Mr. Carter is nominated for this honorary doctorate from the University of New Orleans for his exemplary service to the City of New Orleans and to the greater New Orleans community as an advocate for criminal justice reform. As a distinguished lawyer, statesman, author and educator, Mr. Carter has advanced the cause of justice in numerous ways.

Thank you for your consideration of this request. Please do not hesitate to contact me should you have any questions.

Thank you for your consideration,

A handwritten signature in blue ink, appearing to read 'JW Nicklow'.

John W. Nicklow
President



February 8, 2022

MEMO

To: Dr. John W. Nicklow, President
Through: Dr. Mahyar A. Amouzegar, Provost and Senior Vice President for Academic Affairs
From: Dr. Kim Martin Long, Dean
RE: Nomination of the James Carter, Esq., for Honorary Doctorate

Mahyar Amouzegar

Kim Long

I wish to nominate James Carter for an honorary doctorate from the University of New Orleans for his exemplary service to the City of New Orleans and to the greater New Orleans community as an advocate for criminal justice reform. As a distinguished lawyer, statesman, author, and educator, Mr. Carter has advanced the cause of justice in numerous ways.

As an attorney, he has been involved in many high-profile cases for the cause of justice, securing civil settlements in amounts from \$1 million to \$70 million dollars. For his work as a trial lawyer, he has been listed in several top 100 lists, including African American lawyers in America. He received a prized certification in Mass Tort Multi-District Litigation from the Bolch Judicial Institute at Duke University School of Law.

As an educator, he has taught in civil law at both Howard University, his alma mater, and Tulane University. Grambling State University has already awarded him an honorary doctorate for his work as a lawyer and educator. James Carter has also authored several articles and books related to the causes that he champions.

After Hurricane Katrina, Mr. Carter set his sights on helping to rebuild his city and was elected to the City Council, only the second African American councilman in District C. He helped to establish a number of initiatives aimed at helping those who need it, including the Mardi Gras Indians and those who have suffered under misconduct and brutality. He helped to establish the VERA initiative, CeaseFire, and Court Watch NOLA.

This brief summary of Mr. Carter's biography is nowhere near exhaustive, but it demonstrates the character of James Carter, who has advocated and worked for those who need him. His work in criminal justice reform closely aligns with the mission of the University of New Orleans, who has recently begun a PhD in Justice Studies.

For these and many others, we recommend the granting of an honorary doctorate from UNO.

James Carter

James Carter is an accomplished attorney, educator, statesman, and author. He is the Managing Partner of The Cochran Firm Trials and Mass Torts and has dedicated his life to uplifting others. He often states that he could never thank God enough for his parents who gave him a solid foundation. Mr. Carter has tried to verdict, settled, and been associated with multiple high-value cases ranging from \$1,000,000.00 to more than \$70,000,000.00. His skillfully aggressive approach to the civil jury trial world gained him elite memberships into the Million Dollar Advocates Forum and Multi-Million Dollar Advocates Forum. Operating regularly as lead trial counsel when there are millions of dollars on the line, law firms throughout the United States hire Mr. Carter to try cases with their teams. For his accomplishments as an attorney and public servant, Grambling State University awarded him an Honorary Doctor of Laws. Mr. Carter is admitted to practice in all Louisiana state courts, all Louisiana United States District Courts, the United States Fifth Circuit Court of Appeals as well as the United States Supreme Court. He is a member of the Louisiana Bar Association, Louisiana Association for Justice Board of Governors, The National Trial Lawyers Top 100, The National Black Lawyers Top 100 and Mass Tort Top 25 Trial Lawyers. He received a prized certification in Mass Tort Multi-District Litigation from the Bolch Judicial Institute at Duke University School of Law. Advancing quality education is an important part of James Carter's life. He is a Civil Trial Litigation Adjunct Professor at Howard University School of Law and sits on its Board of Visitors. In fact, the great Johnnie Cochran's inspirational book titled *A Lawyer's Life* is required reading for the Developing a High-End Civil Trial Practice course Mr. Carter teaches. He also served as an Adjunct Trial Advocacy Professor at the Tulane University School of Law. He serves as faculty for the National Institute for Trial Advocacy and the National Bar Association-Civil Trial Advocacy Boot Camp Program. Mr. Carter is Vice-Chairman of the University of Louisiana System Board of Supervisors (ULS)-the body that provides policy guidance and fiscal oversight for nine public universities in Louisiana. One of his crowning achievements on the ULS board is the establishment of the Reginald F. Lewis Educational Equity Initiative. He is a participant in a multi-year study of leadership in divided communities at the University of Oxford (Oxford, England) Centre for the Resolution of Intractable Conflict. Mr. Carter has lectured in Europe, Canada, Panama, Jamaica and across the United States. He participated in the government of France's Foreign Visitors Program to foster cultural understanding. After the devastation of Hurricane Katrina on August 29, 2005, he chose to take part in the rebuilding of his beloved community and city. He was elected as the second African American to serve as a New Orleans City Councilman in District C and on the first New Orleans City Council seated after the storm in 2006. As Chairman of the newly created City Council Criminal Justice Committee, he

played the lead legislative criminal justice reform role in establishing the first City Charter mandated Division of the Independent Police Monitor (IPM). The IPM was created to protect citizens from police brutality and misconduct. He also ushered in the VERA Institute of Justice alternatives to incarceration initiative, Ceasefire program, Court Watch NOLA and legal protections for the Mardi Gras Indian Culture.

From 2010 to 2012, James Carter had the honor to serve as a Fellow with the VERA Institute of Justice. Due to his exceptional reputation for implementing progressive criminal justice reform, in 2011, he was selected to serve as the first African-American Criminal Justice Commissioner in New Orleans' history. Mr. Carter's visionary criminal justice leadership is credited with positively transforming the justice system in New Orleans and materially causing sustained reductions in the murder rate. Mr. Carter is a philanthropist who gives so much to so many and donates his time to important causes. More recently, he established an endowed scholarship fund to benefit students who aspire to become lawyers. He also serves on the boards of the Multi-Cultural Media Correspondents Association, Common Good New Orleans and the internationally renowned New Orleans Center for the Creative Arts, where he studied Theater. Moreover, Mr. Carter has served on the boards of the Urban League of New Orleans, Family Services of Greater New Orleans, Louisiana Endowment for the Humanities, Second Harvest Food Bank and Greater New Orleans, Inc. James Carter has received multiple accolades and honors. He was given the VERA Institute Justice Award in 2009, Leadership Award-Bureau of Consular Affairs, Crime Coalition Distinguished Leadership Proclamation, Institute for Social Justice Award, Juvenile Justice Project of Louisiana Award, Ebonetworks Changing Faces Award, and the French Quarter Business Women-Darling Heart Award. In 2012 and 2016, New Orleans City Business Magazine recognized James Carter as a Leader in Law. Moreover, his historic alma mater McDonough #35 College Preparatory Senior High School inducted him into its Wall of Fame. James is married to Rene Carter who was recognized in 2016 by the Louisiana Department of Education as the Middle School Principal of the Year. They have one child, Brice Carter.

Honors & Awards

- The National Trial Lawyers Top 100, Civil Plaintiff
- Mass Tort TOP 25 Trial Lawyers
- Trucking TOP 10 Trial Lawyers
- Honorary Doctor of Laws degree, Grambling State University
- Multi-Million Dollar Advocates Forum
- Million Dollar Advocates Forum
- The National Black Lawyers Top 100

- New Orleans City Business Magazine, Leadership in Law Award, 2016 and 2012 [Read more](#)
- Leadership Award, Bureau of Consular Affairs
- VERA Institute of Justice, Award
- Crime Coalition, Distinguished Leader Proclamation
- Institute for Social Justice, Inc., Award
- Juvenile Justice Project of Louisiana, Justice for Youth Award
- Ebonetworks, Changing Faces Award
- French Quarter Business Women Association, Darling Heart Award

Education

- Howard University School of Law (J.D.) – 1997 Washington D.C.
- Howard University (B.A.) – 1991 Washington D.C.
- McDonogh #35 College Preparatory Senior HighSchool – 1987
- New Orleans Center for the Creave Arts (Theater) - 1987

Bar Admissions

Louisiana

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

Item F.5. Proposed Process Revisions for Certificate Programs

EXECUTIVE SUMMARY

Over the course of the last year, Board of Regents staff worked with system Chief Academic Officers (CAOs) to review Regents policies governing the process by which institutions request approval to establish new degree programs (*Academic Affairs Policy 2.04: Letters of Intent for Projected New Academic Programs* and *Academic Affairs Policy 2.05: Proposals for New Academic Programs/Research Units*). The intent of this review was to improve efficiency and effectiveness when it comes to the consideration of new academic programs. After considering policy and procedures in other states, as well as feedback from campus and system academic affairs professionals, the Board of Regents approved the following revisions to the approval process at their October 2021 meeting:

1. Eliminate the Letter of Intent;
2. Establish an Annual Academic Planning Process; and
3. Authorize Regents Staff to Approve Undergraduate and Graduate Certificate Programs.

Undergraduate and graduate level certificate programs (Undergraduate Certificates, Post-Baccalaureate Certificates, Graduate Certificates, and Post-Masters Certificates) are currently brought before the Board of Supervisors for the University of Louisiana System for approval. These programs are short-term and created in response to industry demand or for additional licensure or certification purposes. Nearly all certificate programs are developed with a collection of courses already offered by a university and require no additional resources for implementation. To efficiently move proposed certificate programs forward and to align with Regents modifications to process, it is recommended that the Board authorize UL System staff to approve undergraduate and graduate certificate programs. The robust review of proposed certificate programs will continue to include: determining if there is current and projected demand for completers of proposed programs; justification of enrollment and graduation projections; and a comprehensive analysis of information related to financial viability and accessibility (mode of delivery, alternate course scheduling). Staff review will also include a thorough analysis of programs similar in nature as well as how the proposed program fits into the statewide inventory of degrees. A list of staff approved certificate programs will be included in the Board's meeting agenda materials to ensure members are aware of all approvals.

RECOMMENDATION

It is recommended that the following resolution be adopted:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors for the University of Louisiana System hereby grants authority to staff to approve undergraduate and graduate level certificate programs with regular reporting to the Board.

**BOARD OF SUPERVISORS FOR THE
UNIVERSITY OF LOUISIANA SYSTEM**

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

February 17, 2022

Item F.6. Open Waters UL System Maritime Academy

EXECUTIVE SUMMARY

The maritime industry drives the global economy, accounting for around 80% of worldwide trade. In Louisiana, waterborne transportation has long been essential to the success of the energy, chemical, agriculture, and virtually every other industry sector concerned with moving product.

Like most industries, the maritime transportation field continues to evolve in response to ongoing challenges, including rehabilitating an aging infrastructure, keeping pace with rapid technological advancements, adapting to broad organizational changes, and meeting the growing demands of a global economy amid enhanced national security threats. Successfully responding to these challenges will require a diverse, multidisciplinary, and well-trained workforce. The higher education enterprise remains the primary vehicle for developing this workforce at scale.

While maritime transportation is the bedrock of global, state, and local economies, it remains a mystery to most Louisianans, especially among minority populations. To ensure that our graduates are well-prepared to address the ever-changing challenges of the industry, the UL System seeks to partner with “Open Waters” initiative and its partners to establish the UL System Maritime Academy.

This partnership will result in the following outcomes: (1) increased awareness of the maritime workforce opportunities across all student demographics, particularly among underrepresented populations; (2) the development and implementation of maritime academic programs across the UL System institutions; and (3) the establishment of support programs to improve retention of students from traditionally underrepresented and under-served groups.